ANNEXURE NO. 13

[*Vide* Unstarred Question 1036 (a) answered on the 26th July, 2002]

LIST OF SUB-PROJECTS UNDER DIFFERENT COMPONENTS OF NATP

(i) LIST OF SUB-PROJECTS IN PRODUCTION SYSTEM RESEARCH (PSR) UNDER NATP

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implement-ation Status
I	ARID AGROECOSYSTEM:			
A.	Agri-Silvi-Horti-Pastoral, PSR			
1.	Manipulation of soil fertility with crop residues Ley farming and crop sequencing for eco-friendly higher production	CAZRI, Jodhpur (Raj) RAU, Bikaner (Raj) CSWRI, RRS, Bikaner (Raj)	68.84	In Progress
2.	Development of nutrient management strategies for cropping system in the Indian Arid zone: Application of simulation models and medium-range weather forecasts under the PSR mode.	CAZRI, Jodhpur (Raj) IARI, New Delhi PDCSR, Modipuram. (UP) PAU, Ludhiana (PB) CCSHAU, Hissar (Hy)	147.23	In Progress
3.	Socio-economic fessibility of Agri-Silvi Horti-pastoral system and Livestock Production system	CCS HAU, Hissar CAZRI, Jodhpur (Raj) GAU, Dantiwara (Gujrat) HPKVV, Palampur (HP)	5.35	Completed
4.	Genetic improvement of economically important plants/shrubs of arid regions	CAZRI, Jodhpur (Raj) RAU, Bikaner (Raj) GAU,Sardar Kushinagar (Guj.)	65.25	In Progress
5.	Development techniques for management of gypsiferous and impeded soils of Arid areas	CAZRI, Jodhpur (Raj) GAU, Dantiwara (Guj.) HAU, Hissar (Hy) RAU, Bikaner (Raj) CSSRI, Karnal (Hy)	109.86 109.86	In Progress In Progress
6.	Raising yield ceiling in oilseeds: Through physiological approaches and resistance breeding	GAU, S.K. Nagar (Guj) CSHAU, RARS, Bawal (Hy) RAU, ARS, Mandor Jodhpur (Raj)	64.39	In Progress
7.	Breeding for biotic, abiotic stress: Physiological efficiency in moong bean moth bean, cowpea and clusterbean	RAU, Bikaner (Raj) Main Pulse Centre, GAU.S.K. Nagar, (Guj) CCSHAU, Hissar (Hy) CAZRI, Jodhpur (Raj)	86.61	In Progress
8.	Water-shed management technology in hot arid regions	CCS, HAU, Hissar (Hy) CAZRI, Jodhpur (Raj.) GAU, Junagadh (Guj) GAU, S.K. Nagar (Guj) RAU (B), Fatehpur Shekhawati (Raj)	142.75	In Progress
9.	Water requirement and irrigation scheduling of different agri-silvi-horti-system	RRS, CAZRI, Bikaner (Raj.) ARS, Sri Ganganagar, RAU (Raj) RRS, Bawal CCSHAU (y) RRS S.K. Nagar, GAU (Gujarat) RRS,	134.97	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implement-ation Status
		Bhatinda, PAU (Punjab)		
10.	Selection of improved genotypes and development of sustainable production system for Kala Zeera (Bunium persicum Bioss)	SKUSAT, Kargil, Srinagar (J&K) HPKVV, Palampur (HP) YSPUH&F, Solan (HP)	57.09	In Progress
11.	Develop sustainable agri-silvi-horti production system for marginal lands under arid conditions	CHES, Ambawadi, Godhra (Guj) CCSHAU, Hissar (Hy), MPKV, Rahuri (MS), GAU (Gujarat), NRCAH, Bikaner (Raj)	120.45	In Progress
12.	Develop integrated pest management package for the arid agri-silvi-horti production systems	CAZRI, Jodhpur (Raj) CCSHAU, Hissar (Hy), RAU, Bikaner (Raj), GAU (Gujarat)	117.12	In Progress
13.	Design, development and evaluation of greenhouses to suit cold desert conditions for crop production	Dr. Ashwani Kumar CIPHET, Ludhiana (Punjab) Dr. V.K. Sharma HPKVV, Palampur (HP)	51.57	In Progress
14.	Socio-economic impact of exploitation of medicinal and aromatic plants in the cold	CSKHPKV, Palampur	12.56	In Progress
15.	Development of propagation techniques for *Capparis deciduas*	CIAH, Bikaner	32.18	In Progress
16.	Impact of canal irrigation in arid zone of Haryana and Rajasthan	CAZRI, Jodhpur (Raj)	28.02	In Progress
B	**Livestock and Fish**			
17	Pasture improvement and legume introduction. soil Plant-animal relationship	CAZRI, Jodhpur RAU, Bikaner (Raj) IGFRI, Jhansi, (UP) HPKVV, Lahul-Spiti, (HP)	101.05	In Progress
18.	Identification and evaluation of medicinal plants for control of parasitic disease in livestock	CSWRI, Avikanagar (Raj.) RAU, Bikaner (Raj) CIRG, Makhdoom, (UP) GBPUAT, Pantnagar (UP) GAU, S.K. Nagar (GUJ) IVRI, Izatnagar, Bareilly (UP) HPKVV, Palampur, (HP)	187.57	In Progress
19.	Evaluation of locally available feed and fodder to improve quality and formulate complete economic rations with high roughage diets	CSWRI, Avikanagar (Raj) IARI, Pusa, New Delhi IGFRI, Jhansi (UP) RAU, Bikaner (Raj) HPKVV, Palampur (HP) NRCC, Bikaner (Raj)	132.05	In Progress
20.	Environment stress and its amelioration through shelter management	NDRI, Karnal (Har.) CCSHAU, Hissar (Har) NRCC, Bikaner (Raj) CSWRI, Avikanagar (Raj) CAZRI, Jodhpur (Raj) RAU, Bikaner (Raj)	124.23	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implement-ation Status
21.	Improving the shelf life of milk and milk products of camel and goat	NRCC, Bikaner (Raj) CAZRI, Jodhpur (Raj)	101.03	In Progress
22.	Improving reproductive efficiency of sheep, camel, goat, cattle & buffalo	CSWRI Avikanagar (Raj) RAU, Bikaner (Raj) NRCC, Bikaner (Raj) GAU, Banaskantha (Guj) CCSHAU, Hisar (Haryana) CSWRI, Avikanagar (Raj)	152.03	In Progress
23.	Fish production using brackish water in arid ecosystem	CIWA, Chennai CIFE, Mumbai HAU, Hissar (Haryana) GAU, Okha (Gujrat)	119.62	In Progress
24.	Genetic characterization on conservation of important sheep and goat breeds	NBAGR, Karnal (Haryana) CSWRI, Avikanagar (Raj) CAZRI, Jodhpur (Raj) SKUAT, Srinagar (J&K) HPKVV, Palampur (HP)	173.97	In Progress
25.	Improving lambing rate in sheep through embryo and other breeding technologies and production of rams	CSWRI, Avikanagar (Raj) RAU, Bikaner (Raj), CCSHAU, Hissar (Haryana)	132.36	In Progress
26.	Small farm rural poultry production	CARI, Izzatnagar, (UP) RAU, Bikaner (Raj), GAU, Anand (Guj), CCSHAU, Hissar (HY)	113.10	In Progress
27.	Processing of different hair wool for value added products	CSWRI, Avikanagar (Raj) HPKVV, Palampur (HP) SKUAST, Srinagar (J&K)	77.21	In Progress
II	**Coastal Agro-Ecosystem:**			
A.,	**Fish and livestock PSR**			
28.	Shrimp and fish helath management	CIBA, Chennai (TN) UAS. Mangalore (Karnataka) ANGRAU, Muthukur (A.P.) Tamil Nadu Veterinary Science, Turticorin (TN) WBUA&FS, Calcutta	142.27	In Progress
29.	Shrimp and fish broodstock development and breeding under captive condition	CIBA, Chennai (TN) CMFRI, Mandapan (TN) KKV, Shrigaon, Ratnagir, (Maharashtra) KAU, Puduveipu, Emakulam (Kerala) OUAT, Rangailunda, Berhampur (Orissa)	136.64	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implement-ation Status
30.	Nutrition and pathology in mericulture	CMFRI. Cochin (Kerala) CIFT, Cochin (Kerala) CARI,Port Blair (A&N) TANVASU, Tuticorin (TN)	104.06	In Progress
31.	Breeding and culture of pearl oysters and production of pearls	CMFRI, Ccochin (Kerala) CARI, Port Blair (A&N) GAU, Sikka (Guj) CIFT, Cochin (Kerala)	134.83	In Progress
32.	Productivity enhancement of ducks	KAU, Mannuthy (Kerala) TNVASU Kattupakkam (TN), CARI, Port Blair (A&N)	87.69	In Progress
33.	Strategies for enhancing the productivity of pigs for farming community	KAU, Mannuthy (Kerala) TANVASU, Kuttumpakkam, Chennai (TN) UAS, Banglore, (Karnataka) CARI, Port Blair (A&N) ICAR, Research Complex Goa (Goa)	126.63	In Progress
34.	Mussel Mariculture	CMFRI, Cochin (Kerala) KKV, Ratnagiri, (MS) CARI, Portblair (A&N)	73 22	In Progress
35.	Impact of dams on river runoff into sea and changes in the nutrient and productivity profile of coastal waters	CMFI, Cochin (Kerala) CMFRI Vishakapatnam, (AP) CMFRI Veraval, (Guj.) CMFRI Mangalore (Karnataka) College of fishries, Mangalore, (Karnataka)	75.86	In Progress
36.	Processing of pork, broiler and eggs	ANGRAU, Gannavaram (AP) TNVASU (TN) KAU, Mannuthy (Kerala) WBUA & FS, Calcutta (WB)	78.75	In Progress
37.	Development of value added products and by products from low costfish and processing wastes from fish and shell fish	CIFT, Cochin (Kerala) KAU, Thrissur (Kerala) College of Fy Mangalore (Karnataka) CIFT, Cochin (Kerala) Veraval Res. Centre, of CIFT, Veraval (Guj) Res. Centre, of CIFT, Visakhapatnam (AP)	148.03	In Progress
38.	Studies on fisher women in coastal ecosystem of Andhra Pradesh, Karnataka, Tamil Nadu and Kerala	ANGRAU, Muthukur (AP) CMFRI, Cochin (Kerala) Madras Res. Centre Of CMFRI, Chennai (TN) UAS, Mangalore (Karnataka) Res. Centre, of CIFT, CMFRI, Katinada (AP)	54.09	In Progress

S. No	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implement-ation Status
39.	National resource management (Coral reef ecosystem)	RC of CMFRI, Tuticorn (TN)	39.09	In Progress
40.	Augmentation of marine fish production in lakshdweep	Research Centre of CMFRI, Minicoy	44.03	In Progress
41.	Mangrove ecosystems: Biodiversity and its influence on the natural recruitment of selected commercially important in fish and shellfish species in FY	CMFRI, Kochi (Kerala) Vidyasagar University, Midanapore (WB) CARI, Port, Blair (A&N)	43.83	In Progress
B.	**Agri-horti PSR**			
42.	Diagnostic survey and zonation of eastern ghats for natural resource conservation and management	CSWCTR&I. Udhakmandalam (TN)	2.49	Completed
43.	Integrated nutrient management of palm based cropping & farming system for sustained productivity in coastal ecosystem	CPCRI, Kasargod, (Kerala) CPCRI, RRS, Vittal, (Karnataka) KVK, Dapoli Rantnagiri (MS) ANGRAU, Ambajjpet (AP) ICAR Research Complex Ela, Old Goa (Goa)	120.52	In Progress
44.	Etiology and management of coconut root wilt disease	CPCRI, Reg. Stn. Kayangulam (Kerala) CPCRI, Kasaragod (Kerala)	85.76	In Progress
45.	Integrated nutrient & water management for oil-palm based cropping systems under irrigated conditions for sustained productivity in coastal regions	NRC on Oil-Palm, Pedavegi (AP) GAU, Navaswari Campus, Navasari (Guj) OUA&T, Bhubneshwar (Orissa)	95.83	In Progress
46.	Development of integrated pest management technology for palm based production system	CPCRI, RRS. Kayangulam (Kerala) ICAR Research Complex Ela Old Goa (Goa) Coconut, Res. Stn. TNAU, Vepankulam (TN) ARS, ANGRAU, Ambajipet-533124 (AP) CARI, Port Blair (A&N) CPCRI, RRS, Vittal-574243 (Karnataka) NRC Oil Palm, Pedavegi-534450(AP) NRC-OP Regional Station, Pallode Tvm (Kerala)	150.90	In Progress
47.	Developing integrated nutrient management and agronomic practices for rice-based cropping	CSSRI, RRS, Canning Town Calcutta, WB TNAU, Tiruchirapalli (TN)	83.98	in progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implement-ation Status
	systems in the salt affected coastal soils.	Agril College Farm, ANGRA, Bapatla (AP) CRRI, Cuttack (Orissa)		
48.	Economic analysis of rice based cropping system in coastal Agro eco system.	TNAU, Coimbatore (TN) ANGRAU, Agrl., College Farm, Baptla (AP) RARS, KAU, Kumarakom (Kerala) RARS, Karjat-410201 Raigard (MS)	70.90	in Progress
49.	*Development and improvement* of IPM technologies for basal stem rot (Gynoderma) disease of coconut, areacanut and oil palm	*TNAU, Coimbatore (TN)* Coconut Res. Stn. (TNAU), Veppankaulam (TN) ARS, ANGRAU, Ambajipet, (AP) NRC Oil Palm, Pedavegi, (AP) CPCRI, Kasargod (Kerala)	98.43	*in progress*
50.	Development of an integrated pest management package for the Eriophyid mite (Aceria guerreronis Kelfer) of coconut in the southern states.	TNAU Coimbatore (TN) UAS, Bangalore (Karnataka) KAU, Vellayani (Kerala) CPCRI, Kayangulam, (Kerala) PDBC, Bangalore (Karnataka)	141.95	in Progress
51.	Development and evaluation of soil and water conservation measures and land use systems for sustainable crop production in western ghats of coastal region	CSWCR&TI, RRS, Udhagamandalam (TN) CPCRI-RC, Kaidu (Kerala), ICAR, RC, Goa, (Goa) IISR, RC, Appangala (Kerala) NRCOP, R/S Pallode (Kerala)	202.83	in Progress
52.	Exploitation of G. Herbaceum cotton for improving agriculture out put and economy of the agro ecosystem	CICR, RS Coimbatore (TN) GAU, Surat, (Guj.) TNAU, Coimbatore (TN) ANGRAU, Guntur (AP) Agriculture College, Karaikal (Pandicheri) UAS, Dharwad (Karnataka) KVK, Nimpeth (WB)	75.77	in Progress
53.	Technology for skimming and recharging fresh water for saline ground water region	CSSRI, Karnal, (Hy) SW Scheme ANGRAU, Bapatla (AP) GAU, Junagarh (Guj.) TNAU, RRI, Aduthurai (TN) TNAU, RRS, Aruppukottai (TN)	142.36	in Progress
54.	Integrated New Production System For Banana for Export and Domestic needs	NRC Banana, Truchirapalli (TN) TNAU, Coimbatore (TN) KAU, Thrichur (kerala) ANGRAU (Kavvur) (AP) MPKV, Banana R.S., Jalgaon (MS)	88.12	in Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
55.	Developing integrated production package of cashew	NRC-Cashew, Puttur, Karnataka OUAT (Bhubaneswar), (AP) TNAU, Vridhachalam, (TN) BCKV (Jhargam), KAU, Madakkathara, (Kerala) PRC, Vamban (TN) KKV (Vengurla)	132.25	in Progress
56.	Enhancing castor productivity through screening of genotypes and management under coastal saline conditions with farmers' participation	GAU, S.K. Nagar, ZARS, Kachch (Guj.) DOR, Hyderabad(AP)	50.03	in Progress
57.	Integrated technologies for the value addition and post harvest management in palms, spices and tropical tuber crops	CTCRI Thiruvananthapuram (Kerala) CPCRI (Kasaragod), IISR, Calicut (Kerala) NRC, OP, Pedavegi (AP) CPCRI, RS., Kasaragod, (Kerala)	145.52	in Progress
58.	Development of harvesting and spraying machinery for coconut, arecanut and oil palm	CPCRI Kasaragod (Kerala)	24.43	In Progress
59.	Analysis and development of homestead farms of Kerala — a farmer participatory approach	KAU, Thiruvananthapuram (Kerala) FSRS, Sadanandapuram, (Kerala) CPCRI, Kasargod, (Kerala) RARS, Kumarakom, (KAU) Kerala College of Agri, Padanakkad, Kasargod (Kerala) CARI Port Blair (A&N)	86.64	In Progress
60.	Management of Coastal Agro ecosystem affected by super cyclone.	CRRI, Cuttak (Orissa) OUAT, Bhubaneswar (Orissa) CIFA, Bhubaneswar (Orissa) WTC, Bhubaneswar (Orissa) NRC for women in Agri, B' war (Orissa) RRS, for CARI, Bhubaneswar (Orissa) CHES of IIHR, Bhubaneswar (Orissa) R.C. CTCRI, Bhubaneswar (Orissa) RC of NRC, Groundnut, B' war (Orissa)	195.62	In Progress
61.	Studies of soil erosion & control studies in coastal belt of India	CS&WCR&TI; Udhagamandalam (TN)	4.00	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
73.	Development of IPNS for vegetables and fruit production systems	VPKAS, Almora, (Uttaranchal) YSPUHF, Solan (HP) SKUAST, Srinagar, (J&K) IARI (Katrain), Kullu, (HP) GBPUA&T, Ranichuri, (Uttranchal) ICAR, RC, NEH, Tripura Centre, Barapani ICAR, NEH, Barapani Meghalaya, Agartala	149.94	In Progress
74.	Improving productivity and post narvest handling and develop quality standards of saffron	SKUAST, Srinagar (J&K) RRL, CSIR, Jammu (J&K) CITH, Srinagar (J&K)	75.00	In Progress
75.	Development of eco-friendly and women oriented production and protection technologies for rice based cropping system	HPKV, Palampur (HP) SKUAST (Jammu)	68.00	In Progress
76	Strategies for increasing corp production in cold region (<5000 ft above msl)	SKUAST, Kudhwani, Anantnag Srinagar (J&K) RASS, SKUAST, Kargil (J&K) HPKVV, Sangla (HP) RRS, HPKV Kukumsari, (HP)	70.00	In Progress
77	A socio-economic survey of the farmers in the north-western Indian Himalayas	HPKV, Palampur (HP) GBPUAT, Ranichuri (Uttaranchal) SKUAST, Srinagar (J&K) VPKAS, Almora (Uttaranchal)	63.51	In Progress
78.	Development of cost effective technology for treatment of choes (rainy season torrents)	CSWCRTI, Chandigarh SKUAST, Jammu (J&K) YSPUHF, Solan (HP) PAU, RRS, Ropar, (Pb) CSWCRTI, Dehradun	189.82	In Progress
79	Commercialization of medicinal and aromatic plants	YSPUHF, Solan SKUAST, Srinagar (J&K) AAU, Diphu (Assam)	89.26	In Progress
80	System oriented socio-economic assessment of transitions in hill agriculture	YSPUHF, Solan (HP) SKUAST (Srinagar) (J&K) GBPUAT, Ranichuri (Uttaranchal) AAU, Diphu, (Assam) CAU, Imphal (Manipur)	69.99	In Progress
81	Network project for enhancing productivity of apple in India	YSPUHF, Solan (HP) SKUAST, Srinagar (J&K) GBPUAT, Ranichuri, (Uttaranchal) ICAR (RC), Tadong, (Sikkim)	82.92	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
62.	Integrated nutrient and pest management in betelvine grown under coastal ecosystem	BCKVV, Kalyani, Nadia, (WB) OUAT, Bhubaneswar (Orissa) ANGRAU, Hyderabad (AP)	64.27	In Progress
63.	A pilot study on sustainable rice production through organic farming	RARS, Pattambi, KAU, (Kerala)	27.82	In Progress
64.	Performance analysis of selected medicinal plants in multiple cropping system	AICRP (M&AP), KAU, Thrissur, (Kerala) AICRP (M&AM), OUAT, (Orissa) RARS, Chintapalli, ANGRAU, (AP) TNAU, Coimbatore (TN)	47.15	In Progress
65.	Development of technology for quality planting material production in tuber crops	CTCRI, Triuvanantpuram (Kerala) RRS, Kovour (TN) BCKV, Kalyani (WB)	45.49	In Progress
66.	Utilisation and recycling of palm oil mill effluent	NRC, Oil Palm, Pedavegi (AP) NRC, Oil Palm, Palode (AP) SPCES, Alwarkurichi	25.00	In Progress
III	**H & M Agro-ecosystem: Agri**			
A.	**Horticulture PSR**			
67.	Diagnostic survey on Development of IPNS for rice and maize based cropping system in hills	HPKV, Palampur (HP) Srinagar, (J&K) VPKAS, Almora (U)	3.30	Completed
68.	Hydrological behaviour small watershed and sustainability of production systems	CSWCR&T Dehradun (U) HPKVV, Palampur, (HP) VPKAS, Almora (U) ICAR, RC, Barapani, (Meghlaya)	190.00	In Progress
69.	Methodology for development and analysis of watersheds and decisions *support systems for interventions.*	CSWCTRI, Dehradun (Uttaranchal) ICAR RC, NEH Barapani, (Meghalaya) HPKVV, Palampur (HP) CSWCTRI, Chandigarh	60.04	In Progress
70.	Clonal selection and quality planting material production of almonds and walnuts	CITH, Srinagar, (J&K) YSPUH&F, Solan, (HP) CITH, RRS, Mukteshwar, Nainital (U) SKUAST, Shalimar, Srinagar (J&K) NBPGR, RRS, Phagli., Shimla (HP)	96.15	In Progress
71.	Water Management including micro-irrigation and fertigation on high density orchards	YSPUH&F, Solan (HP) SKUAST, Srinagar (J&K)	69.50	In Progress
72.	Survey on existing pre and post harvest handling storage, packaging, transportation and marketing systems for orchids in domestic and global level	NRC, Orchids, Pakyong (Sikkim)	16.00	Completed

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
82.	Monitoring of diseases, insects and weeds of wheat, maize and rice crops	VPKAS, Almora (U) GBPUAT, Ranichuri, (Uttaranchal) HPKVPalampur (HP) SKUAST, Srinagar (J&K) ICAR, RC, Barapani (Meghalaya)	69.76	In Progress
83.	Development of an integrated forecasting and management system on crop yield diseases and insect-pests for sustainable production in Himachal Pradesh	YSPUHF, RHRS, MASHODRA (HP) YSPUHF, RHRS, Mashodra (HP) YSPUHF, RHRM Solan (HP) YSPUHF, RHRS, Bajaura (HP)	70.00	In Progress
84.	Development of small tools and equipment for mechanized hill farming	CSKKV (HPKVV), Palampur (HP) SKUAST, Srinagar (J&K) GBPUAT, Ranichuri, (Uttaranchal)	88.03	In Progress
85.	Development of IPNS for rice and maize based cropping system in hills	SKUAST, Srinagar (J&K) VPKS, Almora (UP) ICAR, RC, Barapani, (Meghalaya) RARS (AAU), Diphu (Assam)	69.99	In Progress
86.	Development of improved strains of mushroom and demonstration of *Morchella spp* using molecular techniques	National Research Centre for Mushroom, Solan (HP)	69.88	In Progress
87.	Evaluation and identification of short duration, high yielding maize varieties for higher elevation with inbuilt tolerance to turcicum blight and cold	SKUA&T, Shalimar (Kashmir) VPKAS, Almora, (Uttaranchal) HPKVV, Bajaura (HP) GBPUA&T, Ranichuri (Uttaranchal) ICAR, RC for NER Tadong, Gangtok (Sikkim)	40.00	In Progress
B.	**Livestock & Fish PSR**			
88.	Diagnostic survey of migratory buffaloes, sheep and goats in western Himalayas	HPKVV, Dhaulakuan, Sirmour (HP) CSWCRTI, Dehradun (Uttaranchal) SKUAST, R.S. Pura, Jammu (J&K)	5.59	Completed
89.	Silvi-pastoral approach to improve productivity of native pastures for livestock production in the hills	IGFRI, RRC, Palampur (HP) IVRI, RRS Palampur (HP) CSWCRTI, Dehradun (Uttaranchal)	137.79	In Progress
90.	Aquaculture management in cold water: Evaluation of mahseer fishery potential and its farming feasibility for conservation in Himalayan Region,	NRC(CWF), Bhimtal, (Uttaranchal) ICAR RC, Barapani (Meghalaya) SKUAST, Srinagar (J&K) GBPUA&T, Ranichuri (Uttaranchal) HPKVV, Palampur (HP)	199.50	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
91.	*Improvement of local pig of* NEH region	ICAR, RC., *Barapani,* (Meghalaya) ICAR, RC., Nagaland, AAU, Khanapara, Gauhati (Assam)	*180.68*	*In Progress*
92.	Improvement of angora rabbit for wool and broiler rabbit for meat	CSWRI, RRS, Garsa-Kulu (HP) SKUAST, Srinagar, (J&K) ICAR, RC, Barapani (Meghalaya) IVRI, RRS, Mukteswar, Nainital, (Uttaranchal)	149.86	In Progress
93.	Diagnostic survey on rural poultry in Meghalaya	ICAR, RC, Umiam (Meghalaya)	3.27	Completed
94.	Development of IMP capsule for white grub and cutworm	GBPUAT, Ranichuri, (Uttaranchal) HPKV, RRS, Bajaura (HP) SKUAST, Shalimar, Srinagar (J&K)	59.60	In Progress
95.	Evaluation and improving locally available feed resources and developing feeding systems for improved livestock production	HPKVV, Palampur (HP) NRCON, Mithun, (Nagaland), AAU, Diphu (Assam), ICAR-RC Tadong, Gangtok (Sikkim) IVRI, Mukteswar, (UP) SKUAST, Sringar (J&K)	89.06	In Progress
96.	Improvement of productivity of migratory buffalo herds	RRS., Dhaulakuan HPKVV, (HP) SKUAST, Srinagar (J&K) CSWCRTI, Dehradum (Uttranchal).	53.97	In Progress
IV A.	**Rainfed Agro-Ecosystem Rainfed Rice PSR**			
97.	Geo-referenced resource inventory preparation for rainfed rice ecosystem	CRIDA, Hyderabad (A.P.) OUAT, Bhubaneshwar (Orissa) AICRP on Agro-meter, BCKV, Kalyani, (W.B.) IGKV, Raipur (Chattisgarh). BAU, Ranchi (Jharkhand) JNKVV, Jabalpur, (M.P.) AAU, Jorhat (Assam) NDUAT, Kumargunj, Faizabad (U.P.)	78.44	In Progress
98.	Crop management strategies to increase cropping intensity in rainfed rice area	IGKV, Raipur (Chattisgarh) WTCER, Bhubaneshwar (Orissa). Birsa Agril. Univ., Ranchi (Jharkhand). OUAT, Bhubaneshwar (Orissa) JNKV, Agril. College, Rewa (M.P.)	138.69	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
99.	Strategies for restoration rehabilitation of degraded watersheds and their hydrological modeling	OUAT, Bhubneshwar (Orissa)	41.64	In Progress
100.	Development of Fruit based Landuse systems for Upland areas.	OUAT, Bhubaneshwar (Orissa) NARP, Chiyanki, Palamu, (Bihar) CHES, Plandu, Ranchi (Jharkhand) JNKVV, Jabalpur (MP) IGKVV, Raipur, (Chattisgarh.) RRS, GUdyagiri, RRTTS, OUAT (Orissa)	117.51	In Progress
101.	Socio Economic dynamics of changes in rice production system in Eastern India	NCAP, New Delhi IGKV, Raipur (Chattisgarh) CRURRS, Hazaribagh, Ranchi (Jharkhand) RAU, Pusa, Samastipur (Bihar) OUAT, Bhubaneshwar (Orissa) CRRI, Cuttack, (Orissa) NDUAT, Kumarganj, Faizabad (U.P.) MOA, Govt. of West Bengal, Calcutta (WB) Deptt. Of Agril. Eco, AAU, Jorhat (Assam) JNKV, Jabalpur (MP)	102.73	In Progress
102.	Rainwater management strategies for drought alleviation	IGKV, Raipur (Chattisgarh) WTCER, Bhubaneshwar (Orissa). BAU, Kanke, Ranchi (Jharkhand) JNKVV, Jabalpur (M.P.)	130.31	In Progress
103.	Management of excess water in medium and low lands for sustainable productivity and delineation of problem area	WTCER, Bhubaneshwar (Orissa) OUAT, Bhubaneshwar (Orissa) BAU, Kanke, Ranchi (Jharkhand) JNKVV, Jabalpur (M.P.)	60.75	In Progress
104.	Study of the production mix. resource utilization, risk management and technological intervention in watershed development program. under rainfed rice system	OUAT, Bhubaneshwar, (Orissa) WTCER, Bhubaneshwar (Orissa) BAU, Kanke, Ranchi (Jharkhand) DANRE, IGKV, Raipur (Chhattisgarh.)	73.86	In Progress
105.	Integrated management through fish pig and duck culture in rice farming system	BAU, Ranchi (Jharkhand) IGKV, Anjora Durg (Chattisgarh) WBUAFS, Mohanpur, Nadia (W.B.)	60.83	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
106.	Evaluation of Rice cultivars for different growing situations of rainfed rice production system	DRR, Hyderabad (A.P.) IGKV, Raipur (M.P.) IGKVV, RRS, Raigarh (Chhattisgarh) OUAT, Bhubaneshwar (Orissa) SRS (BAU), Daraosao (Jharkhand)	166.75	In Progress
107.	Integrated plant nutrient management strategies for different soil moisture regimes	OUAT, Bhubaneshwar (Orissa) IGKV, Raipur (Chattisgarh) BAU, Ranchi (Jharkhand)	112.74	In Progress
108.	Sustainable livestock production system for rain fed rice areas	IGKV, Anjora Durg (Chattisgarh) OUAT, Bhubaneshwar, (Orissa) BAU, Ranchi (Jharkhand)	185.90	In Progress
109.	Control of parasitic diseases of grazing and stall-fed livestock	IGKV, Anjora Durg (Chhattisgarh) OUAT, Bhubaneshwar (Orissa) BAU, Ranchi, (Bihar)	134.65	In Progress
110.	Agrotechniques for vegetables cultivations and storage in rainfed rice based ecosystem	OUAT, Bhubaneshwar (Orissa) JNKVV, Jabalpur (M.P.) IGKVV, Raipur (Chhattisgarh) BAU, Kanke, Ranchi (Jharkhand) ZRS, Dhumka, (BIHAR)	107.07	In Progress
111.	Identification of microbial inoculants for moisture and temperature stress to improve their survival in plough layers in order to enhance the productivity of legumes and cereals in rainfed ecosystem	IGKV, Raipur (Chhattisgarh) TERI, New Delhi	5.0	In Progress
112.	Soil Tillage requirement for rainfed rice production system	OUAT, Bhubaneshwar (Orissa) OUAT, G. Udaigir (Orissa) IGKV, Jagdalpur (Chhattisgarh) BAU, Ranchi (Jharkhand) NDUAT, Faizabad (U.P.) BCKV, Gayeshpur (Calcutta) AAU, RARS, Titbar (Assam) ANGRAU, Hyderabad (A.P.)	171.436	In Progress
113.	Development of regional scale watershed plans and methodologies for identification of critical areas for prioritised land treatment in the watersheds	NRSA, Hyderabad (AP) NBSSLUP, Calcutta (WB) IGKV, Raipur (Chhattisgarh) BCKV, Kalyani (WB) CSWCRTI, RC, Koraput (Orissa) WTCER,Bhubaneshwar (Orissa) BAU, Ranchi (Jharkhand) NBSSLUP, NER Centre, Jorhat (Assam) AAU, Jorhat (Assam)	183.518	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
114.	Study of weed dynamics in relation to ecologies and its impact on economic losses for developing effective control meaures	CRRI, Cuttak (Orissa) CRURRS, Hazaribagh (Bihar) NDUAT, Faizabad (UP)	45.731	In Progress
115.	Organic pools and dynamics in relation to land use, tillage and agronomic practices for maintenance of soil fertility	AICRP on LTFE, IISS, (Bhopal) BAU, (Bihar) PDKV, (MS) MPKV, (MS) GKVK, UAS, Bangalore (Karnataka) IGKV (Raipur) (Chhattisgarh) GAU, (Gujarat)	166.497	In Progress
116.	Assessment and improvement of soil quality and resilience for rainfed production system	BCKV, Kalyani (WB) AAU, (Assam) OUAT, Bhubaneshwar (Orissa) CRIJAF, Barrackpore (WB) RAU, Pusa (Bihar) CRIDA, Hyderabad (AP) AICRPDA, ANGRAU, Anantapur CRRI, Cuttack (Orissa)	141.377	In Progress
117.	Improving the traditional "Biasi" system	IGKV, Raipur (Chhattisgarh) IGKV Jagdalpur (Chhattisgarh) IGKV, Ambikapur (Chhattisgarh) BAU, Darisai, Ranchi (Jharkhand) OUAT, Keonjhar (Orissa) OUAT, Bhawanipatna (Orissa) CIAE, Bhopal (MP) BCKV, Midnapur, (WB)	115.55	In Progress
118.	New Approaches to Integrated pest Management in Rainfed Rice based Production Systems	Director of Rice Research, Hyderabad (AP)CRRI, Cuttack (Orissa) AAU, Titabar (Assam) CAU, Manipur ANGRAU, ARS, Warangal (AP) AICRPM, CRIDA, Hyderabad (AP) BCKV, Kalyani (WB)	136.803	In Progress
119.	Evaluation of Cultivars of major crops of rainfed eco system for increased water use efficiency	CRRI, Cuttack (Orissa) AAU, Jorhat (Assam) BCKV, Kalyani (WB) NDUAT, Faizabad (UP) CAU, Imphal (Manipur)	139.09	In Progress
120.	Participatory and Integrated assessment of natural resources and evolution of alternates	CSWCRTI, Koraput (Orissa) ZARS, IGKV, Jagdalpur (Chhattisgarh) RARS, ANGRAU,	151.18	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
	sustainable land management options for tribal dominant watershed.	Chintapalli (AP) RRTTS, OUAT, Bhawanipatna (Orissa) AAU, Jorhat (Assam)		
121.	Application of crop simulation models to develop crop and nitrogen management strategies for increasing rice productivity under rained favourable lowland situations of eastern India	CRRI, Cuttack (Orissa) Ten in North Eastern India	56.041	In Progress
122.	Improvement of jute through rice necrosis mosaic virus technology for sustainable yield and quality under jute rice production system	CRIJAF, Barrackpore, (WB) Calcutta University, Calcutta (WB) CRRI, Cuttack (Orissa) RARS, AAU, Nowgaon (Assam) OUAT, Jute Res. Station, Kendrapara (Orissa)	92.61	In Progress
123.	Development of improved jute cultivars in rainfed agro-ecosystem for quality textile fibre	CRIJAF, Barrackpore (WB) Calcutta University, Calcutta (WB) NIRJAFT, Calcutta (WB) CRRI, Cuttack (Orissa) Calcutta University (WB) Jute Res. Station, Katihar, RAU, (Bihar) RARS, AAU, Nowgaon (Assam) Jute Res. Station, OUAT, Kendrapara (Orissa)	116.17	In Progress
124.	Integrated nutrient management on yield targeting for jute-rice production system	CRIJAF, Barrackpore (WB) Dr. A. Gosh, CRRI, Cuttack BCKV, Mohanpur Jute Res. Station, Katihar, RAU, (Bihar) AAU, Nowgaon (Assam) Jute Res. Station, OUAT, Kendrapara	108.33	In Progress
125.	Development of rice based agroforestry systems and management practices for yield improvement on field bunds and fallow marginal lands using MPTs (Sesbania/Glyricidia and others) and grasses	OUAT, Bhubaneshwar (Orissa) IGKV, Raipur (AP) NDUAT, Faizabad(UP)	78.59	In Progress
126.	Survey, evaluation and documentation of medicinal plants for their chemical profile of active ingradients having medicinal value used by tribal of Madhya Pradesh	JNKVV, Indore (MP)	45.700	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
127.	Near real-time monitoring of agrometeorological conditions for contingency planning in AP	CRIDA, Hyderabad (AP) IMD, Hyderabad (AP) Govt. of A.P. (AP) ANGRAU, Hyderabad (AP)	58.07	In Progress
128.	Improve indigenous technology for milling drying and storage of rice	CRRI, Cuttack (Orissa) AAU, Jorhat (Assam) CAU, Imphal (Manipur) BAU, Ranchi (Jharkhand) IGKV. Raipur (Chhattisgarh)	126.82	In Progress
129.	Develop and promote prototype of implements for tillage and seeding in participation with local manufacturers/artisalms	OUAT, Bhubneswar (Orissa) IGKV, Raipur (Chhattisgarh) AAU, Jorhat (Assam) NDUAT, Faizabad (UP) CIAE, Bhopal (MP) RAU, Pusa (Bihar)	124.67	In Progress
130.	On-farm evaluation of deep water rice varieties and production technologies in rainfed ecosystem of eastern India	CRRI, Cuttack (Orissa) RAU, Samastipur (Bihar) RRS, AAU, Tittabar (Assam) RRS, Chinsurah (WB) CRS, Gaghraghat, NDUAT, (UP)	52.33	In Progress
131.	Development of agrotechniques for sustainable productivity of rice based utera cropping system	JNKV, Jabalpur (MP) IGKV, Raipur (Chhattisgtarh) CRRI, Cuttack (Orissa) BAU, Dumka (Jharkhand) AAU, Jorhat (Assam) BCKV, Mohanpur (WB)	77.65	In Progress
B.	**Oilseed Based Production System**			
132.	Value addition of safflower petals for natural dyes and herbal health care products	CIRCOT, Mumbai (MS) MAU, Parbhani (MS) UDCT, Mumbai (MS)	100.42	In Progress
133.	Identification characterization and delineation of agro-economic constraints of oilseed based production systems in rainfed ecosystems	NBSS & LUP, Nagpur (MS) CRIDA, Hyderabad (A.P.) DOR, Hyderabad (A.P.)	55.41	In Progress
134.	Retaining viability in soybean by providing appropriate physiological environment and seed storage structures	JNKVV, Jabalpur (MP) IARI, New Delhi	48.59	In Progress
135.	Management of castor for rearing erl silk worm	CAU, Imphal, Manipur AAU, Jorhat (Assam) UAS, GKVK, Bangalore (Karnataka) ICAR, RC for NEH Region, Imphal (Manipur)	83.71	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
136.	Study of harvesting practices and development of a multicrop harvester for inter cropping system with safflower under rainfed farming	UAS, Dharwad, Raichur-(Karnataka) CIAE, RC, Coimbatore, Tamil Nadu	51.13	In Progress
137.	Improving oilseed productivity through identification of genotypes and management under saline conditions with farmers participation	DOR, Hyderabad (AP) MAU, Parbhani (MS) ARS-Gangavati, UAS, Dharwad, (Karnataka) CSAUT-Kanpur (UP) GAU-S.K. Nagar (Gujarat)	126.39	In Progress
138.	Identification and management of sunflower necrosis-disease	IARI, New Delhi	23.88	In Progress
139.	Development of suitable technology to make use of sunflower heads and castor cake as animal feed	NIANP, Bangalore (Karnataka) ANGRAU, Hyderabad (AP) UAS Dharwad, (Karnataka) GAU, Sardarkrushinagar (Guj.) BAIFDRF, Pune (MS)	103.871	In Progress
140.	Development of IPM module for oilseed based production system	NCIPM, New Delhi UAS, Raichur, (Karnataka) ANGRAU, RARS, Palem (AP) ANGRAU, ARS, Anantapur, (AP) MAU, Parbhani (MS) MPKV, Sholapur, (MS) PDBC, Bangalore, (Karnataka) DOR, Hyderabad, (AP) CCSHAU, Hissar, (Haryana) NRCS, Hyderabad (AP) PDKV, Akola (MS)	184.930	In Progress
141.	Promotion and development of apiary for improving the productivity of corss pollinated oilseed crop systems	UAS, Bangalore (Karnataka) UAS, Dharwad (Karnataka) CCSHAU, Bawal, Hisar (Haryana) MAU, Parbhani (Maharashtra)	96.08	In Progress
142.	Identification of research gaps in intercropping systems under rainfed conditions in India	CRIDA, Hyderabad (AP) ICAR, RC, Barapani, (Meghalaya) CRRI-Cuttack, (Orissa) PDCSR, Modipuram (UP) AAU, Jorhat (Assam) GBPUAT, Pantnagar (Uttaranchal) OUAT, (Orissa) RAU, Pusa (Bihar) BAU, Ranchi (Jharkhand) JNKVV, RARS, Rewa (MP) BHU, Varanasi (UP) ZARS, Ambicapur UAS, Bangalore (Karnataka) UAS, Dharwad (Karnataka) CCSHAU, Hissar (HY)	50.37	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
		ARS, PAU, Balachaur (Pb.) MAU, Parbhani (Maharashtra) NRCS, Hyderabad (AP) IGFRI, Jhansi (U.P.) CAZRI, Jodhpur (Raj) AUU, Udaipur (Raj) ARS, AU, Bhilwara (Raj) DRSS, Rakh Dhiansar (J&K) MPKV, Solapur (MS) AICRP for Dryland Agriculture, Agra (UP) PDKV, Krishinagar (MS) ARS, ANGRAU, Anantapur (AP) RARS, ANGRAU, Mahabubnagar (AP) RRS, GAU, Banaskantha (Guj) NRCG, Junagadh (Gujarat) AICRP for Dryland Agriculture, Indore (MP) DOR, Hyderabad (AP) TNAU, Kovilpatti (TN) CICR, Nagpur (MS) GAU, Rajkot (Gujarat) NRCRM, Bharatpur (Raj) IARI, New Delhi IIPR, Kanpur (UP)		
143.	Nutrient management practices for important oilseed cropping systems for improving yield and oil output under rainfed conditions	BAU, Ranchi (Jharkhand) PAU, ZRS, Ballowal-Nawan Shahar (Punjab) ANGRAU, ARS, Hyderabad, (AP) RRS, Raichur (Kerala) IISS, Bhopal (MP) MAU, Latur (MS) MAU, Parbhani (MS) NRC RM, Bharatpur (Raj)	190.32	In Progress
144.	Evaluation of Cultivars of Major oilseed crops of the production system for moisture and nutrient constraints in different soil types	DOR, Hyderabad (AP) CRIDA, Hyderabad (AP) NRCG, Junagadh (Gujarat) NRCS, Indore (MP) AICRP on Dryland Agriculture, Solapur (MP)	126.25	In Progress
145.	Documentation and analysis of indigenous methods of in-situ moisture conservation and runoff management	CRIDA, Hyderabad (AP)	25.68	In Progress
146.	Impacts of watershed management on sustainability of land productivity and socio economic status	CRIDA, Hyderabad (AP) CSWCRTI, Dehra Dun (UP) and 40 watershed stations	87.59	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
147.	Measures to counteract/ detoxify aflatoxins in oilseeds and nutrition coarse cereals based poultry and livestock feeds	PDP, Hyderabad (AP) CIRB, Hisar (Haryana) NIANP, Bangalore (Karnataka) AAU, Guwhati (Assam)	148.31	In Progress
148.	Aflatoxin contamination in groundnut: Mapping and management in Gujarat, Andhra Pradesh and adjoining areas	NRC Groundnut, Junagadh (Raj) ICRISAT, Hyderabad (AP) GAU, Junagadh (Guj)	56.67	In Progress
149.	An integrated approach to control stem necrosis of groundnut	ICRISAT, Hyderabad (AP) NRCG, Junagadh (Guj) NBPGR, Hyderabad (AP) ANGRAU, Kadri (AP)	42.57	In Progress
C.	**Pulse Based Production System**			
150.	Increasing the shelf-life quality and effectiveness of rhizobial inoculant and optimizing BNF in pulses	UAS, Bangalore (Karnataka)	35.823	In Progress
151.	Integrated management of plant mematodes/soil pathogens in pulse based cropping systems	IARI, New Delhi IIPR, Kanpur (UP) UAS Dharwad (Karnataka) Inst. of Agril. AMU, Aligarh (UP)	85.29	In Progress
152.	Integrated Management of the viral diseases problems of mungbean and Urdbean	NBPGR, Hyderabad (AP) IIPR, Kanpur (UP) TNAU, Coimbatore (TN) QUAT, ARS. Berhampur, Gunjan (Orissa)	80.29	In Progress
153.	Utilisation of by products of pulses, oilseeds along with coarse cereal grains for intensive goat production	CIRG-Makhdoom, Mathura (UP) UAS-Dharwad, Bidar (Karnataka) PDKV, Akola, (MS) ANGRAU, Hyderabad	123.29	In Progress
154.	Upgradation and Evaluation of Mini Dal Mill	IIPR, Kanpur (UP) CIAE, Bhopal (MP) CRIDA, Hyderabad (AP)	60.22	In Progress
155.	Low cost technology for safe storage of pulses	CIAE, Bhopal-462038(MP) TNAU, Coimbatore (TN) IIPR, Kanpur (UP) CCS HAU, Haryana (HY)	53.470	In Progress
156.	Improvement of components of agro-technologies for management of inter-crops	MPKV, Rahuri (MS) JNKV, Sehore (MP) GAU, ZRS, Muktampur, Bharuch (Guj) ANGRAU, Lam, Guntur (AP) UAS, Gulbarga (Karnataka) PKV, RRS, Amaravati (MS) IIPR, Kanpur (UP) BAU, Ranchi (Jharkhand)	192.17	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
157.	Development of bio-intensive IPM modules in chickpea against Helicoverpa armigera wilt and dry root rot	IIPR, Kanpur (UP) UAS Dharwad, ARS, Gulbarga (Kanataka) PDBC, Bangalore (Karnataka) JNKVV, RAK Agrl. College. Sehore (MP)	105.681	In Progress
158.	Development of bio-intensive IPM module against pest-complex wilt and phytophthora blight in pigeponpea intercropping systems	IIPR, Kanpur (UP) UAS, Dharwad (Karnataka), ARS, Gulbarga JNKVV, RAK, Shore (MP)	77.70	In Progress
159.	Agronomic characterisation, constraint analysis and delineation of efficient ecozones using soil type and rainfall data in chickpea and pigeonpea based cropping systems	CRIDA. Hyderabad (AP) NBSSLUP, Nagpur (MS) IIPR, Kanpur (UP) JNKVV, Jabalpur (MP) UAS(D), Gulbarga (Karnataka) PDKV, Akola (MS)	31.99	In Progress
160.	Evaluation and improvement of indigenous methods of moisture conservation and runoff management	CRIDA, Hyderabad (AP) UAS Dharwad. RRs. Bijapur (Karnataka) JNKV, Jabalpur (MP) CSWCRTI, RC, Kota (Raj) MPKV, ZARS, Solapur, (MP) BHU, Varanasi (UP) CSWCRTI, RC, Agra (UP)	162.325	In Progress
161.	Integrated nutrient management in major pulse based cropping systems and identification of the most productive systems	IISS, Bhopal (MP) IIPR, Kanpur (UP) JNKV, Riwa (MP)	72.23	In Progress
D.	**Cotton Based Production System**			
162.	Agro-economic characterisation and constraint analysis of rainfed cotton based production system in relation to soil, rainfall and socio economic factors	NBSS&LUP, Nagpur (MS) ANGRAU, Hyderabad (AP) JNKVV, Indore (MP) CICR, Nagpur (MS) UAS, Dharwad (Karnataka)	36.875	In Progress
163.	Optimizing nutrient supply in relation to moisture availability for enhanced productivity and stability of rainfed cotton based cropping systems	CICR, Nagpur (MS) MAU, Parbhani (MS) CRIDA, Santoshnagar, Hyderabad (AP) IISS, Bhopal (MP) ANGRAU, Nandyal (AP) UAS, Dharwad (Karnataka)	123.612	In Progress
164.	Assessment of gossypol content in cotton germplasm	CICR, Nagpur (MS)	24.47	In Progress
165.	Delineating the efficient productive zones for cotton	CRIDA, Hyderabad (AP) NBSS, LUP, Nagpur (MS)	60.61	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
	production system using GIS based crop models	CICR, Nagpur. (MS)		
166.	Rainwater conservation, harvesting and recycling/ recharging techniques Enhanced productivity of cotton based cropping system	PDKV, Akola (MS) ARS, UAS, Dharwad, (Karnataka) RARS, ANGRAU, Guntur (AP) GAU., Anand (Gujarat) CICR, Nagpur (MS)	115.10	In Progress
167.	Improving cotton productivity in salt affected soils through identification of species/ genotypes and farmers' participation	UAS, Dharwad, (Karnataka) JNKV, Indore (MP) GAU, Viramgaon, Ahmedabad (Gujarat)	78.39	In Progress
168.	Promotion of productive high quality G. arboreum cotton to meet the needs of marginal cultivators of rainfed ecosystem vis-a-vis textile industry	MAU, Parbhani, (MS) ARS-UAS, Dharwad (Karnataka) CICR, Nagpur (MS) JNKVV, Khandwa (MP) ARS-ANGRAU, Mudhol (AP) ARS-TNAU, *Kovilpatti* (Tamilnadu)	99.39	In Progress
169.	Characterisation and identification of productivity and high quality cotton species/ genogypes including G herbaceum suitable approaches adopting farmers participatory for different rainfed agroecological situations	AICCIP, ARS-UAS, Dharwad (Karnataka) MAU, Nanded (MS) CICR, Nagpur (MS) RCRS-GAU, Bharuch (Gujarat) AICCIP-JNKVV, Khandwa (MP) ANGRAU, Lam, Guntur (AP)	141.416	In Progress
170.	Develop and evaluate production technology for the indigenous Cotton of NE Region	AAU, RRS, Diphu (Assam) CICR, Nagpur (MS)	24.67	In Progress
171.	Development of B.t transgenic diploid cotton against bollworm	CICR, Nagpur (MS)	19.887	In Progress
172.	Impact of tillage, land treatment and organic residue management on soil health, drainage and crop productivity of rainfed cotton based system	IISS Bhopal (MP) RRS,UAS (D), (Karnataka) GAU, Junagarh (Guj) JNKVV, Indore (MP) ARS, ANGRAU, Lam, Guntur (AP) ARS,TNAU, Kovilpatti (TN) CICR, Nagpur (MS)	93.42	In Progress
E.	**Nutritious Cereals PSR**			
173.	Resource characterization and socio economic constraint analysis of productivity in the maize based crop production system	AU, Udaipur (Raj) GAU, Anand (Guj) JNKV, Jabalpur (MP) CSUAST, Kanpur (UP) OUAT, Bhubaneswar (Orissa) BAU, Ranchi (Jharkhand) ANGRAU, Hyderabad (AP) UAS, Bangalore (Karnataka) PAU, Ludhiana (Pb)	83.68	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
174.	Improvement of roti making quality and shelf life of grain sorghum	GBPUAT, Pantnagar (Uttaranchal) NRCS, Hyderabad (AP)	151.650	In Progress
175.	Total grain quality management of kharif sorghum	NRCS, Hyderabad (AP) MAU, Parbhani (MS) UAS, Dharwad (Karnataka) PDKV, Akola (MS) TNAU, Coimbatore (TN) IGMFRI, Hyderabad (AP)	179.587	In Progress
176.	Developing sorghum as an efficient biomass and bio-energy crop and providing value addition to there in damaged kharif grain for creating industrial demand	NRCS, Hyderabad (AP) MAU, Parbhani (MS) PDKV, Akola (MS) MPKV, Rahuri (MS) NARI, Phaltan, Pune (MS)	188.831	In Progress
177.	Processing of millets for value addition and develop-ment of health foods	CCSHAU, Hisar (Hy) UAS, Banglore (Karnataka) GBPUAT, Pantnagar (Uttaranchal) Dr. S.N. Naikare MPKV, Pune (MS)	102.84	In Progress
178.	Development of regional scale watershed plans and methodologies for identification of critical areas for prioritiseds land treatment in the watersheds of oilseeds Pulses, Cotton and Nutritious cereals production systems	NRSA, Hyderabad (AP) CRIDA, Hyderabad (AP) JNKV, Jabalpur (MP) MPKV, Solapur (MP) PDKV, Akola (MS) GAU, S.K. Nagar (GAU)	149.59	In Progress
179.	Developing live fencing systems for soil and water conservation crop diversifi-cation and sustaining producti-vity in rainfed regions	NRCAF, Jhansi (UP) JNKV, Indore (MP) MAU, Parbhani (MS) MPKV, Rahuri (MS) ANGRAU, Warangal, (Hyderabad) CSWCRTI, Bellary (UP) UAS, Dharwad (Karnataka) CSWCRTI, Koraput (Orissa)	189.18	In Progress
180.	Strengthening of research on Integrated Management of Blast of finger millet (Eleusine coracana Gaertn)	UAS, Banglore (Karnataka) GBPUA&T, Ranichauri (Uttaranchal) TNAU, Coimbatore (TN)	82.56	In Progress
181.	Improving Productivity of Small Millets Based Cropping Systems for Augmenting Suppy of Legumes (Grain/Vegetables)	UAS, Banglore (Karnataka) TNAU, Coimbatore (TN) JNKV, Mandla Dist. (MP) ANGRAU, ARS, Vizianagram (AP) OUAT, Bhubaneswar (Orissa)	89.53	In Progress
182.	Development of National Data base on rainfed Sorghum, Pearlimollet and Fingermillet for research, planning and policy making	NRCS, Hyderabad (AP) UAS, Banglore, (Karnataka) MPKV, Pune (MS) CAZRI, Jodhpur (Raj)	34.290	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
183.	Critical Analysis of changing scenario in Kharif growing areas	NRCS, Hyderabad (AP) PDKV, Akola (MS) UAS, Dharwad (Karnataka) JNKV, Indore (MP)	54.902	In Progress
184.	Evaluation/Improvement of dual types of sorghum and make available indigenous cultivars liked by farmers	GAU, Athwa Farm, Surat (Guj) AICSIP, RAU, Udaipur (Raj) AICSIP, JNKV, Indore (MP) IIGFRI, Mauranipur, Jhansi (UP) IARI, New Delhi	115.87	In Progress
185.	Developing agri-horticulture and agroforestry systems in kharif sorghum area decreasing regions for overall sustainability of the production systems	CRIDA, Hyderabad (AP) ANGRAU, Hyderabad (AP) MPKV, ZARS, Solapur (MP) MAU, ARS, Ambajogal (MS)	113.76	In Progress
186.	Management strategies for improving rabi sorghum productivity	CRS, Solapur (MP) NRCS, Hyderabad (AP) CSWCRTI, Bellary (UP) MPKV, Mohol (MS) UAS, Dharwad, RRS, Bijapur (Karnataka) NRCS, Hyderabad (AP)	146.056	In Progress
187.	Improving productivity of rainfed maize based cropping system with rainwater management on watershed (micro) basis	A.U., Udaipur (Raj) RAU,ARS, Arjia, Bhilwara (Raj) ANGRAU, ARS, Karimnagar, (AP) GAU, Main Maize Research Station, Godhra (Guj) CCSHAU, Ballowal, Saunkhri Nawanshar (Pb) JNKV, KVK, ZARS, Jhabua (MP)	127.39	In Progress
188.	Studies on development of silvi-pasture system for improving livestock productivity in rainfed region	IGFRI Jhansi (UP) CIRG, Mathura (UP) PDKV, Akola (MS) GAU, Junagarh (Guj) ANGRAU, Warangal (AP)	150.893	In Progress
189.	Forecasting and management of diseases and insects in sorghum cropping system perspectives	CRIDA, Hyderabad TNAU, Coimbatore (TN)	25.872	In Progress
190.	On-Farm research for enhancing productivity of pearlmillet in vertisol of semi-arid tropics	MAU Aurangabad (MS) MPKV, Rahuri (MS) UAS, Bijapur (Karnataka) TNAU, Kovilpatti (TN)	87.88	In Progress
191.	On-Farm research for enhancing productivity of Pearlmillet in Arid region of India	RAU, ARS, Mandor, Jodhpur (Raj) GAU Jamnagar (Guj) CCSHAU, Bawal (HY) RAU, Fatehpur Sekhawati (Raj)	72.28	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
192.	Identifying systems for carbon sequestration and increased productivity in semi-arid tropical environments	ICRISAT, Hyderabad (AP) CRIDA, Hyderabad (AP) IISS, Bhopal (MP) NBSSLUP, Nagpur (MS)	179.48	In Progress
193.	Utilisation of coarse cereals and by products of oilseed based cropping system for poultry production	CARI, Izatnagar (UP) JNKV, Jabalpur (MP) MAU, Parbhani, (MS) PDP, Hyderabad, (AP) AAU, Khanapara (Assam)	131.204	In Progress
194.	Improving the utilisation of coarse cereal crop residues by strategic supplementation for livestock feeding	NIANP, Banglore (Karnataka) CRIDA, Hyderabad, (AP) OUAT, Bhubaneswar, (Orissa) PDKV, Akola (MS) BAIF, Pune (MS)	134.27	In Progress
195.	Rainwater management on watershed (micro) basis in sub-mountain region	CSWCRTI, Chandigarh SKUAST, Rakh Dhiansar (J&K) PAU, Ludhiana, (Pb) KVK, RAU, Pusa (Bihar) NDUAT, Faizabad (UP)	164.86	In Progress
196.	Improving productivity and profitability of rainfed fruit based, production system based cropping system in low productive environments	IIHR, Banglore (Karnataka) RRS, Bijapur (Raj) MAU, Parbhani (MS) RARS, Lam, MPKV, Dhule (MS) GAU, Junagardh (Guj) JNKV, Jabalpur	166.53	In Progress
197.	Improving the productivity and profitability of vegetable crops under rainfed agro-ecosystems.	IIHR, Banglore (Karnataka) PDKV, Akola, (MS) UAS, Raichur (Karnataka) GAU, Junagadh (Guj) ANGRAU, Hyderabad (AP) TNAU, Coimbatore (TN)	150.162	In Progress
198.	Developing sustainable alternate Land use systems for industrial biomass production from drylands	CRIDA, Hyderabad (AP)	19.97	In Progress
199.	Efficient clonal propagation of high value horticultural and forest species for dryland agriculture	G.M. Reddy Research Foundation, Hyderabad (AP) CRIDA, Hyderabad (AP)	71.13	In Progress
V	**Irrigated Agro-Ecosystem**			
A.	**Rice wheat PSR**			
200.	Development of bed planting system for increasing the yield and input use effeciencies under different Cropping system.	PAU, Ludhiana (Pb.) HAU, Uchani (HY) IARI, New Delhi	136.35	In Progress
201.	Conservation tillage in rice-wheat cropping system (Development of efficient	GBPUA &T, Pantnagar (UP) BHU, Varanasi (UP) NDAU&T, Faizabad, (UP)	155.92	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
	Complementary practices for zero and reduced tillage systems for establishing wheat after rice).	PAU, Ludhiana (Pb) RAU, Pusa-Patna (Bihar) RRS, Kullu, HAU (HY)		
202.	Analysis of productivity changes and future source of growth for sustainable rice-wheat cropping system.	NCAP, New Delhi PAU, Ludhiana (Pb) CCSHAU, Hissar (Hy) GBPUA&T, Pantnagar (Uttaranchal) CSAU&T, Kanpur (UP) NDUA&T, Faizabad (UP) RAU, ((Bihar)) BCKV, Kalyani (WB)	62.64	In Progress
203.	Characterization and mapping of rice wheat system: its changes and constraints to system sustainability.	PDCSR, Modipuram, Meerut (UP) PAU, Ludhiana (Pb) GBPUA&T, Pantnagar (UP) CCSHAU, Karnal (Hy) NBSS&LUP, New Delhi BCKV, Kalyani (WB)	89.05	In Progress
204.	Develop regional salt and water balance models	CSSRI Karnal (HY) PAU, Ludhiana (Pb.) CCSHAU, Hissar (Hy) AICRP Saline water, Agra (UP)	108.86	In Progress
205.	Economic analysis of total factor productivity of irrigated agriculture by district & region.	IARI, New Delhi NCAP, New Delhi CCSHAU, Hissar (Hy) CSAUA&T, Kanpur (UP) RAU, ((Bihar)) BCKV,West Bengal	24.24	In Progress
206.	Reduced water and nutrients losses in rice grown in different soils	PAU, Ludhiana-141001 (Pb.) PAU, Ludhiana (Pb) CCSHAU, Hissar (Hy) PDCSR, Modipuram, Meerut (UP).	92.22	In Progress
207.	Fertility evaluation and soil test based integrated fertilizers recommendations	PAU. Ludhiana (Pb.) GBPUA&T, Pantnagar (Uttaranchal) CCSHAU, Hissar (Hy) HPKVV, Palampur (HP). BCKV, Kalyani (WB) RAU, Pusa, (Bihar)	121.05	In Progress
208.	Organic matter recycling and enrichment	PAU, Ludhiana, (Pb.) CCSHAU, Hissar (Hy) ICRISAT, Hyderabad BHU,Varanasi (UP) GBPUA&T, Pantnagar (Uttaranchal)	127.24	In Progress
209.	Nitrogen management and simulation modeling for	PAU,Ludhiana (Pb.) CCSHAU, Hissar (Hy)	90.61	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
	different water availability situations.	GBPUA&T, Pantnagar (Uttaranchal) HPKVV, Palampur (HP) IISS, Nagpur, (MP) IARI New Delhi		
210.	Development of new tillage and crop residue management practices in machine harvested areas as an alternate to burning	PAU, Ludhiana (Pb.) NDUA&T, Faizabad (UP) GBPUA&T, Pantnagar (Uttaranchal) Dr. Samar Singh, CCSHAU, Hissar (Hy)	82.61	In Progress
211	Development of adaptable IPM in rice wheat cropping sysem	NCIPM, New Delhi DWR, Karnal (Hy) GBPUA&T, Pantnagar (Uttaranchal) NDUA&T, Faizabad (UP) PAU, Ludhiana (Pb.)	92.29	In Progress
212.	FY management in the lentic water system; stocking of reservoir with fish seed	CICFRI, Barrackpore (WB) PAU, Ludhiana (Punjab) JNKVV,Jabalpur (MP) GBPUA&T, Pantnagar (Uttaranhal)	83.56	In Progress
213.	Breeding designer Brassicas	PAU, Ludhiana (Pb) NRC,PB, New Delhi CCSHAU, Hissar (Hy) NRC(R&M), Bharatpur (Raj) GBPUA&T, Pantnagar (Uttaranchal)	155.29	In Progress
214.	Crop growth and water use models to improve water use efficiency in different agro-climatic situations	IARI, New Delhi HAU, Hisar (Hy) PAU, Ludhiana (Pb) RAU, Pusa, (Bihar) HPKVV, Palampur (HP)	139.71	In Progress
215.	Development of maize population hybrids fer quality protein content and carbohydrate profile	DMR, New Delhi HPKVV, Palampur (HP) CCSHAU, (Uchani) (Hy) PAU, Ludhiana (Pb) RAU, Bihar(Patna) ANGRAU, Hyderabad (AP)	175.61	In Progress
216.	Development of insect pest and disease resistant superior varieties of cabbage and cauliflower.	IARI, New Delhi GBPUA&T, Pantnagar (Uttaranchal) YSPUH&F, Solan (HP) IARI,RS, Katrain (Hy)	96.34	In Progress
217.	Breeding high sugared multicut forage sorghum hybrids and varieties with enhanced nutritional quality	GBPUA&T, Pantnagar (UP) HAU, Hisar (Hy) IARI,New Delhi OSN,Warangal (AP)	85.67	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
218.	Bailing densification and storage of grasses/fodders/ crop residues	IGFRI, Jhansi (UP) GBPUA&T, Pantnagar (Uttaranchal) CCSHAU Hissar (Hy) PAU, Ludhiana (Pb) CIAE, Bhopal (MP)	112.46	In Progress
219.	Development of pesticide residue free IPM package for major vegetables	IIHR Banglore (Karnataka) IARI, New Delhi IIVR Varanasi, (UP)	146.19	In Progress
220.	Impact of pesticides on soil-biota and non targeted organisms in rice-wheat cropping system.	BHU Varanasi (UP) PAU, Ludhiana (Pb) BCKVV, Mohanpur (WB) RAU, Pusa, Samastipur, (Bihar) GBPUA&T, Pantnagar (Uttaranchal) IARI., New Delhi	148.81	In Progress
221.	Sustainable high production of indigenous and cross breed in rural household.	NDRI, Kamal (Hy) PAU- Ludhiana (Pb) CCSHAU, Hisar (Hy) GBPUA&T, Pantnagar (Uttaranchal)	130.02	In Progress
222.	Manipulation of rumen microbial ecosystem for improving the utilization of straws and stovers.	IVRI Izatnagar, Bareilly (UP) CCSHAU. Hissar (Hy) PAU, Ludhiana (Pb) GBPUA&T, Pantnager (Uttaranchal) CIRB, Hissar (Hy)	165.25	In Progress
223.	Develop sustainable Potato based production system for eastern plains with the use of true Potato seed (TPS)	CPRS, Patna (Bihar) CPRS, Modipuram, Meerut (UP) CPRI, Shimla-1 (HP) Dept. of Agri. Midnapur, Calcutta (WB) RAU, Dholi, Muzzafarpur (Bihar) BCKVV, Pundibari, Cooch bihar (WB) AAU, Jorhat (Assam)	112.99	In Progress
224.	Prognosis of critical areas prone to secondary salinisation through remote Sensing	CSSRI, Karnal (Haryana) PAU-Ludhiana, (PB)	67.77	In Progress
225.	Development and validation of simulation models to predict the long term consequence of different tillage and residue management strategies.	IISS, Bhopal, (MP) GBPUA&T, Pantnagar (Uttaranchal) IARI, New Delhi IIT, Kharagpur, (WB) HAU, Hissar (Hy) PAU, Ludhiana (Pb)	189.83	In Progress
226.	Quality improvement of bread and durum wheat.	DWR, Karnal (Hy) GBPUA&T, Pantnagar (Uttaranchal) PAU, Ludhiana (Pb) RRS, IARI, Indore (MP)	184.59	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
227.	Evaluation of locally available feed and fodder's improvement in their quality and formulation of complete economic rations in Rice-Wheat production System	PAU, Ludhiana (Pb) CCSHAU, Hissar (Hy) NDRI, Karnal (Hy) GBPUA&T, Patnagar (Uttaranchal) RAU, Patna (Bihar)	118.48	In Progress
228.	Urban and peri urban System of milk production through use of concentrate based feeding system.	GBPUA&T, Pantnagar (UP) CCSHAU, Hissar (HY) RAU, Patna (Bihar) WBUAFS, Calcutta (WB) NDRI Karnal (Hy) JNKVV, Jabalpur (MP)	123.52	In Progress
229.	Improvement in Productivity and Development of Suitable Production System in Litchi	CHES IIHR, Banglore (Karnataka) HRS-RAU, Patna (Bihar) GBPUA&T Pantnagar (Uttaranchal)	148.89	In Progress
230.	Network Project on Genetic evaluation and improvement of sesbania (Dhencha) and Crotolaria (Sunhemp) for green manuring	NBPGR, New Delhi RAU, Patna (Bihar) PDCSR, Modipuram (UP) GBPUA&T, Pantnagar (Uttaranchal) NDUAT, Faizabad (UP) PAU, Ludhiana(Pb) CCSHAU, Hissar (Hy) IARI, New Delhi UAS, Bangalore (Karnataka)	192.49	In Progress
231.	Resource management for Rice-Wheat cropping system through inclusion of legumes Indian mustard and potato	PDCSR, Modipuram (UP) DWR, Karnal (Hy) IIPR, Kanpur (UP) BCKVV, Kalyani (WB) CPRS, Jalandhar (Pb), NDUAT, Faizabad (UP)	86.57	In Progress
232.	Improving Reproductive Efficiency of Cattle and Buffaloes under rice-wheat Agro-Ecosystem	PAU, Ludhiana (Pb) NDRI, Karnal (Hy) GBPUA&T, Patnagar (Uttaranchal)	118.38	In Progress
233.	Improving of productivity of existing mango orchards	CISH, Lucknow (UP) CHES, Ranchi (Jharkhand) BCKV, Kalyani (WB) IIHR, Banglore (Karnataka)	118.25	In Progress
234.	Development of commercially viable technology for on-farm primary processing of fruits and vegetables	CIPHET, Ludhiana (Pb) PAU, Ludhiana (Pb) HAU, Hissar (Hy) CISH, Lucknow (UP) IARI, New Delhi CPRI, Shimla (HP)	394.05	In Progress

S. No.	Title of the Sub Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
235.	Accelerating the adoption of resources conservation technology (RCT) for farm level impact on sustainability of rice-wheat systems of the Indo-gangatic plains	CCSHAU, Hissar (Hy) PAU, Ludhiana (Pb) GBPUAT, Pantnagar (Uttaranchal) NDUAT, Faizabad, (UP) PDCSR, Meerut (UP) RAU, Patna (Bihar) BAU, Ranchi (Jharkhand) DWR, Karnal (Hy) DWM, Patna, (Bihar) DMR, New Delhi SBPUA&T, Meerut (UP)	423.01	In Progress
236.	Improving efficiency of Italian honeybee (apis mellifera) for honey and crop production	RAU, Pusa, Samastipur (Bihar) BAU, Ranchi (Jharkhand), NDUAT, Faizabad, (UP) JNKVV, Jabalpur (MP)	28.93	In Progress
237.	Gender perspective in farm and home management and utilization of under-utilized foods towards household nutrition security	UAS, Bangalore (Karnataka) UAS, Dharwad, (Karnataka) CCHAU, Hissar (Hy) RAU, Patna, (Bihar) GBPUAT, Pantnagar (Uttaranchal) MPUA&T Agril Uni. Udaipur (Raj)	115.26	In Progress
238.	Post-harvest handling of vegetables seeds	IARI, RS, Karnal (Hy) GAU, Anand (Gujarat) PAU, Ludhiana (Punjab)	48.43	In Progress
239.	Evaluation of basmati rice and wheat genotypes for their response to tillage options and thermal tolerance in a system perspective	DWR, Karnal (Hy) PAU, Ludhiana (Pb) PAU, Kapurthala (Pb) RAU, Pusa (Bihar) DRR, Hyderabad (AP) IARI, New Delhi. NDUAT, Faizabad (UP)	172.56	In Progress
240.	Improving skills and instrumentation for water application in fields for enhanced water use efficiency	WTC, IARI, New Delhi PAU, Ludhiana (Pb) GBPUAT, Pantnagar (Uttaranchal) CIAE, Bhopal (M.P.) NDUAT. Faizabad (U.P.)	125.56	In Progress
241.	Evaluation of the production potential of Boro Rice	RAU, Pusa (Bihar) AAU, Jorhat (Assam) BCKV, Mohanpur (WB). NDUAT, Faizabad (U.P.)	58.48	In Progress
242.	Develop technology for production of value added mushroom products	GBPUAT, Pantnagar (Uttaranchal) NRC for Mushroom, Solan, (H.P.) PAU, Ludhiana (Pb) CCSHAU, Hissar (Hy)	73.65	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
243.	Technological change and production in irrigated maize based agro-ecosystem: The interplay of economic, technological and institutional factors	IARI, New Delhi PAU, Ludhiana (Pb) CSAUA&T, Kanpur (UP) NDUAT, Faizabad (UP) RAU, Pusa (Bihar) OUAT, Bhubaneswar, (Orissa), JNKVV, Jabalpur (MP) MPUA&T, Udaipur (Raj)	40.11	In Progress
244.	Post-harvest management of mango and sapota fruits	GAU, (Guj) UAS, Bangalore (Karnataka) MPKV, Rahuri (MS)	47.42	In Progress
B.	**Sugarcane Based PSR**			
245.	Tillage technique to enable timely planting of sugarcane after wheat harvest	IISR, Lucknow (UP) GBPUAT, Pantnagar (Uttaranchal) GBPUAT, ARS Modipuram, Meerut (UP) SBI, RC, Karnal (Hy) Sugarcane Research Station, Jalandar (Pb)	124.05	In Progress
246.	Sustainable high production of indigenous and crossbread in rural household	GAU Anand Campus (Guj) UAS, Bangalore (Karnataka) MAU, Parbhani 431402 (MS)	116.35	In progress
247.	Management of inter crops in autumn Planted Sugarcane	IISR, Lucknow (UP) GBPUA &T, Pantnagar (Uttaranchal) PDCRS, Modipuram (UP) Sugarcane Research Station, Jalandhar (Pb) GS Sugarcane Breeding and Res. Instt. Serohi, Kushinagar (UP) Dr. of Research, MAU, Parbhani (MS)	123.84	In Progress
248.	Evaluate locally available feeds and fodders, improve quality and formulate economic rations	ANGRAU, RLS Venkataraman-Nagudem (AP) TNVASU (TN) UAS, Bangalore (Karnataka) MAU Parbhani (MS) IVRI, Izatnagar (UP)	166.01	In Progress
249.	Diagnosis survey for study of sugarcane based production system constraints	IISR, Lucknow (UP) GBPUA & T, Pantnagar (Uttaranchal) PAU, SRS, Jalandhar (Pb) CSRS, Padegaon, MPKV (MS) RAU, Pusa (Bihar) SBI, Coimbatore (TN)	49.91	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
250.	Elucidation of causes and mechanism of iron chlorosis in Sugarcane	IISR, Lucknow (UP) Lucknow University (UP) GBPUAT, Pantnagar (Uttaranchal) PAU, Ludhiana (Pb)	143.53	In Progress
251.	Weed management in sugarcane based cropping system	IISR, Lucknow (UP) GBPUA & T, Pantnagar (Uttaranchal) SRS, PAU, Jalandhar (Pb) CCSHAU, RRS, Uchani, Karnal (Hy) GSSBRI, Serohi, Khusinagar (UP) CPRS, Pedegaon (MPKV), SBI, Coimbatore (Karnataka)	127.50	In Progress
252.	A reconnaissance study on the status and role of farm women labourers and youth in farm modernization and scope for their empowerment	TNAU, Coimbatore (TN) UAS, Bangalore (Karnataka)	21.90	In Progress
253.	Isolation of genetic stocks for low temperature tolerance in sugarcane with a view to improve the ratoonability during winter months in North Western zone	SBI, Reg. Stt., Karnal(Hy) SRS. Jalandar (Pb), SVBUA 7T, Meerut (UP)	34.31	In Progess
254.	Improving reproductive efficiency of cattle and buffloes	GAU, Anand (Guj) MAU, Parbhani (MS)	56.25	In Progress
C. Cotton Based PSR				
255.	Studies on efficacy of bio-inoculants in Cotton-wheat based production system	HAU, Hisar (Hy) CICR, Nagpur (MS) PAU, Ludhiana (Pb)	100.67	In Progress
256.	Evaluation and identification of suitable Pest tolerant compact cottons amenable to mechanical harvesting.	CICR, Nagpur (MS) PAU, Ludhiana (Pb) HAU, Hissar (Hy) RAU, Sri Ganganagar (Rajasthan) UAS, Dharwad (Karnataka) GAU, Surat (Guj)	78.80	In Progress
257.	Adoption and refinement of cotton picker and cleaning system	CIAE, Bhopal (MP) CICR,Nagpur (MS) CIRCOT, Mumbai (MS) PAU Ludhana (Pb)	157.16	In Progress
258.	Socio-economic analysis and characterization of cotton based systems	CICR, Nagpur (MS) DWR, Karnal (Hy) CCSHAU, Hissar (HY) NBSSLU &P, Nagpur (MS)	34.53	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
259.	Management of Citrus orchards in cotton based cropping systems.	NRC on Citrus, Nagpur (MS) RFRS, Abohar (Pb) CCSHAU, Hissar (Hy) PDKV, Akola, (MS) RAU, Sri Ganganagar (Raj)	73.16	In Progress
260.	Control of leaf curl disease in cotton and development of protocols for mass multiplication of predators, parasites and insects pathogens.	CICR, Nagpur (MS) CICR, RRS, Sirsa (Hy) PAU, Ludhiana (Pb) RAU, Sri Ganganagar (Raj) CCSHAU, Hissar (Hy) NCIPM, New Delhi PDBC, Bangalore (Karnataka)	85.85	In Progress
261.	Management of Production technology for cotton wheat system.	DWR, Karnal (Hy) CCSHAU, Hissar (Hy) RAU, ARS, Sri Ganganagar (Raj) PAU, Ludhiana	76.65	In Progress
262.	Evaluation of tillage residue and nutrient management practices for cotton wheat systems	CICR, RRS, Sirsa (Hy) RAU, ARS, Sri Ganganagar (Raj) PAU, Ludhiana (Pb)	83.00	In Progress
263.	Evaluation of locally available feed and fodder's improvement in their quality and formulation of economic and complete rations for ruminants in irrigated cotton based production system	ANGRAU, Hyderabad (AP) UAS, Dharwad (Karnataka) CCSHAU, Hissar (Hy) PAU, Ludhiana. (Pb) MPKV (Rahuri) (MS)	188.57	In Progress
264.	Evaluation of cotton genotypes for cultivation as a spring season crop	PAU, Ludhiana (Pb) SVPUA & T (Meerut) (UP) IARI, New Delhi	26.84	In Progress
	(ii) List of sub-projects in Mission Mode (MM) under NATP			
1.	III-10: Diagnostics for virus and virus like diseases affecting citrus and potato	IARI, Plant Pathology, New Delhi (LC) IARI, RS, Kalimpong CPRI, Shimla IARI, RS, Pune NRC (C), Nagpur NRC (B), Trichy	157.08300	In progress
2.	III-8: Pyramiding genes for leaf rust resistance in wheat	IARI, National Phytotron Fac., (LC) PAU, Ludhiana	173.80000	In progress
3.	III-5: Development of Hybrid-Vegetables	PDVR, Varanasi (LC) CCSHAU, Hissar HARP, Rajaulatu, Ranchi IIHR, Bangalore UAS, Dharwad MPKV, Rahuri NRC (O&G) Pune IARI, New Delhi	363.95000	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		PAU, Ludhiana TNAU, Coimbatore CSAUA&T, Kalyanpurj Kanpur BCKVV, Kalayani-		
4.	III-6: Development of Hybrid-Crops	ICAR, ADG (Seeds), HQ., New Delhi (Monitoring Cell)	157.65000	In progress
	III-6: Development of Hybrid-Crops (Rice)	DRR, Hyderabad (LC) ANGRAU, Maruteru CCSHAU, Rice Research Station, Karnal UAS, Mandya KKV, Karjat IARI, New Delhi CRRI, Cuttack PAU, Kapurthala TNAU, Coimbatore NDUA&T, Faizabad GBPUAT, Pantnagar RRS, Chinsurah		
	III-6: Development of Hybrid-Crops (Sorghum)	NRCS, Hyderabad UAS, Bijapur UAS, Dharwad Centre on Rabi Sorghum, Solapur MAU, Parbhani MPKV, Rahuri PDKV Sorghum Res. Stn. Akla		In progress
	III-6: Development of Hybrid-Crops (Maize)	IARI, DMR, New Delhi (LC) ANGRAU, Maize Res. Stn, Hyd. DMR, RRS, Begusarai IARI, Div. of Genetics, N. Delhi PAU, Ludhiana RAU, Udaipur, NDUA & T, (CRS) Baharaich GBPUA&T, Pantnagar VPKAS, Almora		In progress
	III-6: Development of Hybrid-Crops (Perl Millet)	RAU, ARS, Mandore, Jodhpur (LC) GAU, Millet Res. Stn. Jamnagar CCSHAU, Hissar Univ. of Mysore, Mysore MPKV, Rahuri IARI, Genetics, New Delhi RAU, Agril. Res. Stn., Jaipur		In progress
	III-6: Development of Hybrid-Crops (Cotton)	CICR, Nagpur (LC) ANGRAU, Lam Farm, Guntur GAU, Cotton Res. Stn., Surat CCSHAU, Hissar UAS, Agril. Res. Stn., Dharwad PDKV, Akola PAU, Ludhiana		In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		RAU, Agril Res stn, Sri Ganga Nagar CICR, (RS). Coimbatore		
	III-6: Development of Hybrid-Crops (Sunflower)	DOR, Hyderabad (LC) ANGRAU, Reg. Res. Stn., Nandyal CCSHAU, Hissar UAS, GKVK Campus Bangalore UAS, Oil Seeds Res. Stn, Raichur MAU, Oil Seeds Res., Stn, Latur PAU, Ludhiana		In progress
	III-6: Development of Hybrid-Crops (Castor)	DOR, Hyderabd (LC) GAU, Junagarh GAU, SK Nagar RAU, Mandore, Jodhpur		In progress
	III-6: Development of Hybrid-Crops (Rapseed Mustard)	NRC for RM, Bharatpur (LC) CCSHAU, Plant Breeding, Hissar PAU, Ludhiana, Oilseed Section NDUA &T, Deptt. of GPB, Faizabad		In progress
	III-6: Development of Hybrid-Crops (Pigeon pea)	IIPR, Kanpur (LC) GAU, Pulse Res. Stn. SK Nagar PDKV, Akola NDUA&T, Faizabad		In progress
5	III-9: Bt. Transgenic pigeonpea, rice, Cotton for insect resistance	IARI, NRCPB, Campus, New Delhi (LC) UAS, Dharwad CICR, Nagpur NBRI, Lucknow ICGEB, New Delhi	367.84000	In progress
6	III-21: Environment Friendly Pesticides: Development of Standard Stable Products from Neem and other Plants	IARI, Agri. Chemicals, New Delhi (LC) HIL, (R&D Centre), Gurgaon	206.94000	In progress
7	III-22: Development of Composite and Moulded Products from Jute & Allied Fibres	NIRJAFT, Calcutta (LC) CBRI, Roorky IJAIRI, Calcutta	1113.00000	In progress
8	III-4: Sustainable Management of Plant Bio-diversity (Zone-I)	NBPGR Hq. New Delhi (Main LC) GAU, Wheat Res. Stn. Bijapur NRC (Groundnut) Junagarh NRC for M&AP, Anand S.P. Univ., Ballabh Vidya Ngr. M.D. Univ. (Ajmer), Bikaner NBPGR (RS), CAZRI, Jodhpur NRC Arid Hort. Bikaner RAU, Beechwal, Bikaner	1953.52300	In progress
	Zone-II	NBPGR (RS), Thrissur (LC) CARI, Port Blair IIHR (CHESS), Bangalore UAS, AICRP on Millet, Bangalore UAS, Dharwad CPCRI, Kasargod		

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		IISR, Calicut		
		KAU, Thrissur		
		S.B., ICRI, Myladumpaara, Idukki		
		School Life Sci, Thiruchi		
		M.S. Swami Res. Found. Chennai		
		NRC (B), Trichy		
		Sugarcane Breed Instt., Coimbatore		
		TNAU (A)		
		TNAU Coimbatore		
	Zone-III	NBPGR (RS), Cuttack (LC)		
		CRRI, Cuttack		
		OUA &T, Bhubaneswar		
		BCKV, Kalyani		
		Bose Inst., Calcutta		
		CRIJAF, Barrackpore		
	Zone-IV	NBPGR (RS), Shillong (LC)		
		NE Reg. Inst. of S&T, Nirjuli		
		AAU, Jorhat		
		Assam University, Silchar		
		DRL (DRDO), Tejpur		
		NEH complex (ICAR), Shillong		
		NRC (O), Tadong		
	Zone-V	NBPGR (RS), Bhowali (LC)		
		BSI, D. Dun		
		DARL, (DRDO), Pithoragarh		
		GBP Inst. Him. Envr. Dev. Almora		
		VPKAS, Almora		
	Zone-VI	NBPGR (RS), Shimla (LC)		
		CPRI, Shimla		
		HPKVV, Palampur		
		IARI (RS), Shimla		
		YSPUHF, Solan		
		CITH, Srinagar		
		FRL (Min. of Defence) Leh		
		SKUAS&T, Srinagar		
	Zone-VII	NBPGR New Delhi (LC)		
		DWR, Karnal		
		IARI, Veg. Crops, New Delhi		
		TERI, New Delhi		
		PAU, Ludhiana		
		NRC for R&M, Bharatpur		
		BHU, Inst. of AS, Varanasi		
		BR Ambedkar Univ., Agra		
		CISH, Lucknow		
		IGFRI, Jhansi		
		IIPR, Kanpur		
		IIVR, Varanasi		
		NBRI, Lucknow		
		NDUA&T, Faizabad		
		NRC for Agroforestry, Jhansi		

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
Zone-VIII		NBPGR (RS), Ranchi (LC) RAU, Samastipur, Pusa TM Bhagalpur Univ. Bhagalpur HARP, Rajaulatu, Ranchi		
Zone-IX		NBPGR (RS), Akola (LC) IGAU Raipur (A) IGAU, Raipur (B) JNKVV, Coll, of Agril., Gwalior JNKVV, Jabalpur CICR, Nagpur KKV, Dapoli NRC (C), Nagpur NRC (G), Pune		
Zone-X		NBPGR (RPQS), Hyderabad (LC) Andhra Univ. Vishakhapattanam ANGRAU (HRS) Pan-dirimanidi DOR, Hyderabad DRR, Hyderabad NRC (S) , Hyderabad		
9	III-2: Reflectance Libraries for Development of Soil sensors for Periodic Assessment of State of Soil Resources	NBSS&LUP, Nagpur (LC) NBSS&LUP, Regional Centre, Jorhat SAC (ISRO), Ahmedabad CSSRI, Karnal NRSA, Hyderabad NBSS&LUP, Regional Centre, Nagpur NBSS&LUP, Div. of Soil Resource Studies, Nagpur NBSS&LUP, Regional Centre Delhi CAZRI, Jodhpur NBSS&LUP, Regional Centre Udaipur CSWCR&TI, Dehra Dun Def. Agro; Res. Lab., Pithoragarh NBSS&LUP, Region Centre, Calcutta	260.54000	In progress
10	III-11: Quality Assurance and Monitoring of Food from Livestock and Poultry	BVC, Mumbai (KKV, Dapoli) (LC) NDRI, Dairy Chem. Divn. Karnal TNUVAS, MVC, Chennai IVRI, VPH, Divn, Izzatnagar GBPUA&T, LPT Divn, Pantnagar	190.54000	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
11	III-7: Isolation of Plant Genes and Promoters for Developing Transgenic Crop Plant Resistant to Insect Pests	IARI, NRCPB, New Delhi (LC) GBPUA&T, MBGE, Divn., Pantnagar	139.54000	In Progress
12	III-13: Animal Genetic Resource Biodiversity	NBAGR, Karnal (LC) CARI Port Blair ANGRAU, (LRS) Nellore AAU, Vet. Coll., Khanapara Gowahati KAU, Vet. Coll, Mannuthy HPKVV, ABG Divn., Palampur SKUAS&T, FV Sc & AH, Srinagar CSWRI, (ARC), Bikaner NRC (C) Bikaner CSAUA&T, Vet. Coll., Mathura GBPUA&T, Vet. Coll., Pantnagar WBUA&FS, AGB Dept., Calcutta	507.25000	In progress
13	III-24: Watershed Technology	CSWCRTI, D. Dun (LC) PDKV, Agro. Eco. & Envn. CTn., Akola ICAR/RC NEH Regn. Barapani WTCER, Bhubaneswar CSWCRTI, Res. Ctn. Ooty	285.27000	In progress
14	III-23: Development and Popularization of Modern Technologies for the Production of Convenience Foods from Fish	CIFT, Cochin (LC)	114.86200	In progress
15	III-15: Veterinary Diagnostics for Prevalent and Emerging Diseases	IVRI, Mukteshwar Campus (LC) NRCE, Hissar TNVASU, Vet. Coll., Chennai GBPUA&T, Pantnagar CCSHAU, Micro Bio, Divn., Hissar	181.07250	In progress
16	III-18: Germplasm Inventory, Evaluation and Gene Banking of Freshwater Fishes	NBFGR, Lunknow (LC) AAU, Fish coll, Nagaon CICFRI, RRC, Gowahati Deptt. of Life Sc. Assam Univ., Silchar Deptt. of Life Sec., Dibrugarh Univ. Dibrugarh Deptt. of Zoology, Guwahati Univ.	487.69660	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		Ind. Fish. Sch. Cochin, Univ. of S&T, Kochi KAU, RAS, Kumarakon Deptt. of Life Sc. Manipur Univ., Canchipur CARE, St. Xariers Col. Palayankottai Envn. SC, M.S. Univ. Alwarkurichi Madras Sc. Foundation Chennai KAU, Fish Coll., Cochin GBPUA&T, Fish Coll., Pantnagar		
17	III-30: Household Food and Nutritional Security for Tribal, Backward and Hilly areas (Prog. I)	NBPGR, New Delhi (Main LC) SKC Edu. Trust, Madhubani, Bihar IGKV, Raipur HPKVV, Palampur BAU, Ranchi UAS, PC (Small millet), GKVK, Bangalore Bharti Vidya Peeth Deemed Univ. Pune PDKV, Akola CAU, Imphal ICAR, Res. Complex, Barapani RAU, Raj. HESCO, Rudraprayag VPKAS, Almora	1110.00000	In progress
	Programme-II	HARP, Rajaulatu, Ranchi (LC) AAU, Jorhat IIHR, CHES, Godhra IIHR, CHES, Chethalli, Karnataka CPRS, Shillong ICAR Res. Complex Barapani CTCRI, Bhubaneshwar CISH, Dilkusha, Lucknow CPCRI, Jalapaiguri		
	Programme-III	ICAR, ADG (ANP), Krishi Bhawan, New Delhi (LC) PD Poultry, Rajendra Nagar, Hyd. NRC(Yak) Dirang West Kemeng HPKVV, Palampur SKUAS&T, Shrinagar BAU, Ranchi ICAR Res. Complex, Imphal,		

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		Manipur ICAR, Res Complex, Barapani, Shillong ICAR Res. Complex, Kolasib ICAR-RC, Mizoram NRC Mithun Nagaland NRC Mithun, Nagaland CSWRI, Malpura		
	Programme-IV	CIFRI, Barrackpore (LC) CIFA, Bhubaneshwar		
	Programme-V	CIAE, Bhopal (LC) IGKVV, Raipur HPKVV, Palampur ICAR Res. Complex Umiam, Barapani CTAE, Udaipur		
	Programme-VI	NCAP, New Delhi (LC) AAU, Jorhat IGAU, Raipur CIAE, Bhopal IASRI, New Delhi CISH, Lucknow CIFRI, Barrackpore		
18	III-36: Prototype Manufacturing of Agricultural Implements	CIAE, Bhopal (LC) ICAR, RC (NEH) Barapani IARI, New Delhi PAU, Ludhiana TNAU, Coimbatore GBPUA&T, Pantnagar	821-57250	In progress
19	III-31: Mechanization of Rice-Wheat Cropping System for Increasing the Productivity	CIAE, Bhopal (LC) BAC, Sabour DWR, Karnal PAU, Ludhiana PDCSR, Modipuram GBPUA&T, Pantnagar	410.38005	In progress
20	III-35: Weather based animal disease forecasts	ADMAS, AICRP, Bangalore (LC) AAU, Guwahati, GAU, Anand CCSHAU, Hissar HPKVV, Palampur SKUAS&T, Srinagar Ranchi Vet. College, Ranchi ANGRAU, Hyderabad Vet. College, Bidar KAU, Mannuthy, Trichur JNKVV, Coll. of Vet. Sci. & AH, Indore JNKVV, Jabalpur BVC, Mumbai	295.99975	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		ICAR, Res. Complex, Barapani OUA&T, Bhubaneshwar PAU, Ludhiana RAU, Bikaner TNAU, MVC, Chennai GBPAUA&T, Pantnagar WBUA&FS, Calcutta		
21	III-32: Mechanization of Intensive Irrigated Agriculture for Sugarcane Production	CIAE, Bhopal (LC) VSI, Pune TNAU, Coimbatore IISR, Lucknow	368.41140	In progress
22	III-37: Use and Urban Industrial Effluents in Agriculture	CSSRI, Karnal(LC) JNKVV, Indore NEERI, Nagpur IARI, Delhi GAU, Anand TNAU, Coimbatore	412.19972	In progress
23	III-16: Protected Cultivation of Vegetables and flowers in plains and hills	IIHR, Bangalore (LC) YSPUA&HF, Solan MPKV, Pune RPRC, Bhubaneshwar NRC (O), Gangtok TNAU, Coimbatore	312.75314	In progress
24	III-33: Collection, Documentation and Validation of Indigenous Technical Knowledge (ITK)	JNKVV Jabalpur (LC) MRDA, Shimla BAU, Ranchi CRIDA, Hyderabad NRC Mithun, Nagaland OUAT, Bhubaneshwar CAZRI, Jodhpur MSSRF, Chennai IVRI, Izatnagar, Bareilly VPKAS, Almorah BCKVV, Nadia	355.20610	In progress
25	III-43: Diagnostics and development of seed certification protocols for management of seed transmitted viral diseases of Grain leguminous	NBPGR, New Delhi (LC) University of Mysore, Karnataka GAU, Anand	181.42300	In proress
26	III-34: Animal Health Information System Through Monitoring and Surveillance	ADMAS, Bangalore (LC) PD (Poultry), Hyderabad NRC (Yak), Dirang Vet. College, Patna CARI, Goa CIRB, Hissar NRCE, Hissar HPKVV, Vet. College, Palampur	487.56622	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs in Lakhs)	Implemen-tation Status
		CARI, Port Blair Vet. College, Mannuthy Vet. College, Nagpur CSWRI, Avikanagar VCRI, Namakkal CIRG, Mathura IVRI, Izatnagar Vet College, Pantnagar IVRI, Diran		
27	III-41: Diagonisis of Parasitic disease of domestic animals	IVRI, Izatnagar (LC) CCSHAU, Hissar JNKVV, CVSAH, Jabalpur, PAU, Ludhiana ANGRAU, Tirupati GBPUA & T, Pantnagar WBUAFS, Calcutta	476.11783	In progress
28	III-19: Production of superior males through embryo transfer technology	NDRI, Karnal (LC) IGKVV, Durg ANGRAU, Tirupati CSWRI, Avikanagar TNVASU, Chennai PDC, Meerut GBPUAT, Pantnagar	360.87005	In progress
29	III-29: Livestock-Crop Production System Analysis for Sustainable Production	NDRI, Karnal (LC) IGAU, Raipur GAU, Junagarh NRCS, Hyderabad HPU, Shimla SKUAS&T, Srinagar BAU, Kanke, Ranchi NDRI, SRS, Bangalore MAU, Parbhani ICAR Res. Comp. Umiam OUAST, Bhubaneshwar PAU, Ludhiana CSWRI, Avikanagar TNAU, Coimbatore IGFRI, Jhansi NDRI, ERS, Kalyani	260.72057	In progress
30	III-42: Processing of Soybean for Diversified Uses and its Socio- Economic Accepts	CIAE, Bhopal (LC) AAU, Jorhat JNKVV, Jabalpur PDKV, Akola GBPUA&T, Pantnagar	177.82012	In progress
31	III-754: A study of socio-Economic Impact of the Combine Harvesters	PAU, Ludhiana (LC) KAU, Tavanur CIAE, Bhopal NDUA&T, Faizabad GBPUA&T, Pantnagar	47.48930	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
32	III-28: Land use Planning for Management of Agricultural Resources	NBSS&LUP, Nagpur (Main LC) Agricultural College, Baptla ANGRAU, Anakapalli ANGRAU, Anantapur CRIDA, Hyderabad (LC) NBSS&LUP, Regional Center, Jorhat RAU, Arjia RAI, Pusa RAU, Saharsa ICAR Regional Complex, ELA-Goa CAZRI, RRS, Bhuj GAU, Arnej GAU, Dantiwada GAU, Rajkot GAU, S.K. Nagar CCSHAU, Hissar HPKVV, Palampur YSPUHF, Solan SKUAS&T, Shalimar CSWCRTI, Bellary NBSS&LUP, Bangalore UAS, Bangalore UAS, Bijapur UAS, Dharwad KAU, Trivandrum JNKVV, Indore JNKVV, Chindwada MPKV, Ahmednagar MPKV, Solapur NBSS&LUP, Nagpur PDKV, Akola ICAR Res. Complex, Barapani NBSS&LUP, Delhi NBSS&LUP, New Delhi OUAT, Bhubaneshwar PJNCA&RI, Karaikal, Pondichery PAU, Ludhiana PAU, Patiala CAZRI, Jodhpur (LC) NBSS&LUP, Udaipur RAU, Research Station, Sikar ICAR Res. Complex, Gangtok CSWCRTI, Ooty TNAU, Aduthuri TNAU, Coimbatore (LC) TNAU, Killikulam TNAU, Kovilpatti TNAU, Ramnathpuram	931.51014	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
		PDCSR, Modipuram (LC) BHU, Varanasi CSAUA&T, Kanpur CSWCRTI, Agra GBPUAT, Ranichauri NDUA&T, Faizabad CSWCRTI, Dehradun (LC) NBSS&LUP, Calcutta NBSS&LUP, Calcutta NBSS&LUP, Calcutta		
33	III-38: Assessment of Harvest and Post Harvest Losses	IASRI, New Delhi (LC) CIFT, Cochin NDRI, Karnal CIPHET, Ludhiana CSWRI, Avikanagar IVRI, Izatnaga GBPUAT, Pant Nagar CARI, Izatnagar	412.45175	In progress
34	III-25: Precision Farming	PDCSR, Modipuram (LC) CIAE, Bhopal	139.67500	In progress
35	III-12: Post Harvest Losses of Fruits and Vegetables	CIPHET, Abohar (LC) NRC (O&G) Raj Guru Nagar IARI, New Delhi NRC (C), Nagpur CIPHET, Ludhiana NRC (B), Trichy CISH, Lucknow	292.13636	In progress
36	III-3: Integrated National Agricultural Resources Information System	IASRI, New Delhi (LC) DWMR, Patna NBAGR, Karnal IIHR, Bangalore CPCRI, Kasargod IISR, Calicut CIAE, Bhopal NBSS&LUP, Nagpur CRIDA, Hyderabad NBPGR, New Delhi NCAP, New Delhi NBFGR, Lucknow NCR-AF, Jhansi PDCSR, Modipuram	1059.57564	In progress
37	III-56: Validation and Promotion of IPM Technology in Selected Crops in Different Agro-ecological Regions	NCIPM, New Delhi (LC) CCSHAU, Hissar KVK, Fatehabad KVK, Shimla RHRS, Mashobra, shimla KVK, Ramakrishna Mission Ashram, Ranchi IIHR, Bangalore	359.30050	In progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
		KVK, UAS, Gulburga PDBC, Bangalore ARS, Kota KVK Kota KVK, Nanded MAU, CRS, Prabhani Center for World solidarity, Secunderabad KVK, Bhatinda PAU, Ludhina ARS, Durgapura (Jaipur) CAZRI, Jodhpur KVK, Dausa BHU, Varanasi BHU, Varanasi Center for R & D for Waste Land, Lucknow Center for R & D for Waste Land, Lucknow CISH, Lucknow IIVR, Varanasi		
38	III-17: Development of Weather Based Forewarning Systems for Crop Pests and Diseases	CRIDA, Hyderabad (Main LC) DRR, Hyderabad (LC) ANGRAU, RARS, LAM ANGRAU, RARS, Tirupati ANGRAU, RARS, Warangal IGKVV, Raipur GAU, RSRS, Navasari, NCRG, Junagadh (LC) CICR-RS, Sirsa HPKVV, Palampur IISc, Bangalore (CI) CASAM, Pune CICR, Nagpur (LC) MAU, CRS, Parbhani PDKV, Akola IARI, New Delhi IASRI, New Delhi (CI) NC/PM, New Delhi (LC) NCMRWF, New Delhi (CI) CRRI, Cuttack NRCR & M, Bharatpur (LC) TNAU, Coimbatore IIPR, Kanpur (LC) IISR, Lucknow (LC) BCKVV, Mohanpur	453.55993	In Progress
39	III-60: Use of Improved Tools for Mechanization of Dryland Agriculture	CRIDA, Hyderabad (LC) CIAE, Bhopal AICRPDA, Centre, PDKV, Akola AICRPDA, Centre, ANGRAU, Anantpur	304.02354	In Progress

S. No.	Title of the Sub-Project	Location	Allo-cation (Rs. in Lakhs)	Implemen-tation Status
		AICRPDA, Centre, Arjia (Bhilwara) AICRPDA, Centre, Bangalore AICRPDA, Centre, CCSHAU, Hissar AICRPDA, Centre, Indore AICRPDA, Centre, Sholapur AICRPDA, Centre, Varanasi		
40	III-52: Empowerment of Women in Agriculture	MPUAT, Udaipur (LC) ICAR, New Delhi **(Mission Centre)** CCSHAU, Hissar IARI, New Delhi PAU, Ludhiana MAU, Parbhani NRCWA, Bhubaneshwar USA, Dharwad	357.65110	In progress
41	IÎI-581 Increasing Wheat Production and Building up of Research Capabilities in the Warmer Areas and Eastern India	DWR, Karnal (LC) IARI, New Delhi IGKVV, RARS, Bilaspur BAU, Ranchi IARI, RS Pusa CSAUA&T, Kanpur NDUA&T, Faizabad BHU, Varanasi UBKVV, Cooch Behar AAU, RRS, Shillongoni BAC, Sabour IARI, New Delhi PAU, Ludhiana CCSHAU, Hissar IARI, RS Indore ARI, Pune GAU, RARS, Vijapur RAU, RARS, Durgapur PDKV, Akola	352.23090	In progress
42	Mechanization of Experimental Plots	IARI, New Delhi (LC) CIAE, Bhopal HAU, Hissar PAU, Ludhiana GBPUA&T, Pantnagar TNAU, Coimbatore JNKV, Jabalpur PDKV, Akola MPKV, Rahuri MPUAT, Udaipur Directorate of Wheat, Karnal	1365.43725	

(iii) List of sub-projects in Team Of Excellence (TOE) under NATP

S. No.	Name of sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
	Delhi			
1.	Crop Modelling	IARI, New Delhi	170.98	In Progress
2.	Seed Technology	IARI, New Delhi	111.56	In progress
3.	HRD for Advanced Research in Plant Virology	IARI, New Delhi	188.71	In progress
4.	HRD in Plant Genetic Engineering and Molecular Breeding	NRC on Plant Biotechnology, New Delhi	129.69	In progress
5.	HRD in Bio Fertilizer	IARI, New Delhi	146.45	In progress
6.	Abiotic Stresses: Crop Improvement and Management	IARI, New Delhi	164.29	In progress
7.	Referral Laboratory on Pesticide Residues	IARI, New Delhi	252.675	In progress
8.	HRD on Plant Genetic Resource Management	NBPGR, New Delhi	71.95	In progress
	Total		**1236.305**	
	Himachal Pradesh			
9.	Virulence Typing & Genetics of Rust Resistance in Wheat	DWR Regional Station, Shimla	122.66	In progress
	Total		**122.66**	
	Karnataka			
10.	HRD in Biological Control	PDBC, Bangalore	96.69	In progress
11.	Natural Resource Economics	UAS, Bangalore	110.26	In progress
12.	Biotechnological Approaches for the Improvement of Horticultural Crops	IIHR, Bangalore	175.62	In progress
13.	Post Harvest Technology of fruits and vegetables	IIHR, Bangalore	86.57	In progress
	Total		**469.14**	
	Punjab			
14.	Management of *Apis Mellifera*	PAU, Ludhiana	86.28	In progress
15.	HRD on Sustainability of Rice Wheat Based Cropping System	PAU, Ludhiana	127.22	In progress
	Total		**213.50**	
	Haryana			
16.	Human Resource Development in Seed Technology	CCSHAU, Hissar	58.07	In progress
	Total		**58.07**	
	Orissa			
17.	Freshwater Pearl Culture	CIFA, Bhubaneshwar	69.87	In progress
18.	HRD on Micro-Propogation of Horticultural and Forestry Species	RPRC, Bhubaneshwar	56.60	In progress

S. No.	Name of sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
19.	Greenhouse Gas Emission	CRRI, Cuttack	57.76	In progress
	Total		**184.23**	
	Bihar			
20.	Pressurised Irrigation Systems	DWMR, Patna	150.77	In progress
	Total		**150.77**	
	Tamil Nadu			
21.	Veterinary Biotechnology & Immunology	TANVASU, Chennai	172.13	In progress
22.	Biofertilisers for Rice Based Cropping Systems	TNAU, Coimbatore	47.27	In progress
	Total		**219.40**	
	Uttar Pradesh			
23.	HRD on Veterinary Biotechnology & Immunolgy	IVRI, Izatnagar	173.02	In progress
24.	Veterinary Vaccine Technology	IVRI, Izatnagar	152.98	In progress
	Total		**326.00**	
	Uttranchal			In progress
25.	Agricultural Communication & Information	GBPUA&T, Pantnagar	143.06	
	Total		**143.06**	
	Andhra Pradesh			
26.	Feed Technology & Quality Assurance	ANGRAU, Hyderabad	114.25	In progress
	Total		**114.25**	
	Madhya Pradesh			
27.	Agricultural Machinery Design & Development	CIAE, Bhopal	339.48	In Progress
	Total		**339.48**	
	Kerala			
28.	Meat Technology	KAU, Thrissur	214.62	In progress
	Total		**214.62**	
	Grand Total		**3791.485**	

(iv) List of sub-Projects in Competitive Grant Programme (CGP) Under NATP

S. No.	Title of the sub-Project	Location	Total Allocations (Rs. in lakhs)	Implementation status
1	Biochemical and molecular mechanisms of resistance against isoproturon in Phalars minor	GBPUA&T, Pantnagar	26.04500	Work in progress
2	Molecular marker assisted selection for bacterial leaf blight resistance in rice	CCMB, Hyderabad	52.39456	Work in progress
3	Aquaculture, breeding and hatchery production of marine ornamental fishes with special reference to clown fishes and damsel fishes	CMFRI, Thiruvananth-apuram	39.47200	Work in progress
4	Application of enzymatic modification of milk proteins for preparation of infant foods with enhanced nutritional quality	UAS,C 16 Bangalore	25.41500	Work in progress
5	Development of rain water management technology on watershed basis for high intensity, high rainfall areas of Andaman Islands	CARI, Port Blair	41.16600	Work in progress
6	Biochemical and molecular basis of ethylene and calcium and oxidation stress during ripening and its role in internal breakdown of mango	IIHR, Bangalore	28.53380	Work in progress
7	Dairy production in Southern India— a critical appraisal of policies and programmes	NDRI(RS), Bangalore	17.35800	Work in progress
8	Development of a thermostable vero+B22 cell adapted peste des petits ruminants virus vaccine	MVC, Chennai	38.92940	Work in progress
9	Trangenic plants as a source of edible vaccine against anthrax.	JNU, New Delhi	46.17240	Work in progress
10	Utility of bantamised white leg horn line for improving feed efficiency of layer commercial hybrids	GAU, Anand	23.76740	Work in progress
11	Development of DNA based diagnostics for important livestock and poultry diseases in NEH region	ICAR Res. Comp. Barapani	50.59720	Work in progres
12	Identification of specific genetic traits limiting urdbean productivity in row intercropping with maize and their exploitation for developing an ideotype adapted to intercropping	HPKVV, Palampur	25.53600	Work in progress

S. No.	Title of the sub-Project	Location	Total Allocations	Implementation status
13	Comparative mapping of cereals (rice, finger millet and sorghum) and identification of agronomically useful genes with special reference to drought, disease resistance and grain yield	USA, Bangalore	35.29200	Work in progress
14	Development of physiological approaches for breeding wheat varieties suited to different stress environments	DWR, Karnal	34.58100	Work in progress
15	Market-aided selection for quality traits in bread wheat	CCSU, Meerut	44.65720	Work in progress
16	Isolation of phloem specific promotor for tissue specific expression of lectin gene in plants for insect resistance	TERI, New Delhi	36.80720	Work in progress
17	Characterization of soybean yellow mosaic virus and identification of host factors involved in viral pathogenesis+B28	IARI, New Delhi	37.89392	Work in progress
18	Generation of salt teolerant transgenic (*Brassica junce+B29a)* through introduction of genes for a novel pathway coding for the biosynthesis of 2-methy 14-carboxy tetrahydro-pyrimdine (Ectoine)-an osmoregulator	IARI, New Delhi	49.65540	Work in progess
19	Standardization of a newly developed aerial-insect trap	NCIPM, New Delhi	15.79736	Work in progess
20	Solid State fermentation of agricultural wastes for Biomethanation	IARI, New Delhi	38.90736	Work in progress
21	Development and refinement of biomass based improved chulla retrofit to drying barn for turmeric and arecanut processing	TNAU, Coimbatore	14.15260	Work in progress
22	Development and testing of farm machinery for plantation crops of Kerala	KAU, Thrissur	60.96192	Work in progress
23	Development of suitable harvesting tools for oil palm	NRC for Oilpalm, Pedavege	42.40820	Work in progress
24	Studies on data processing techniques for statistical analysis of large field varibility in hilly and salt affected soil regions	IASRI, New Delhi	16.58768	Work in progress
25	Economics of post harvest management of perishable agril, commodities in North-Eastern Region of India	AAU, Jorhat	15.43736	Work in progress
26	Socio-economic and environmental consequences of IPM technoogy adoption on rice	TNRRI, Aduthuani	12.90392	Work in progess

S. No.	Title of the sub-Project	Location	Total Allocations	Implementation status
27	Distant learning programmes through AIR, their effectiveness and future strategy	TNAU, Coimbatore	17.35588	work in progress
28	Consumer amenable technology upgradation for prevention of losses to dried, cured and smoked fish	KAU, Thrissur	19.08696	work in progress
29	Development of paste products from low cost fresh water fishes	KAU, Thrissur	16.03392	work in progress
30	Establisment of germplasm and elite tree garden and assessment of genetic diversity through RAPD of garcinia, B33 an endangered medicinal tree	UAS, Dharwad	20.49540	work in progress
31	Vermi products and their effects on biological productivity of ornamentals	TNAU, Combaitore	4.18552	work in progress
32	Molecular characterisation and preparation of molecular maps in black peper	IISR, Calicut	47.18236	work in progress
33	Towards developing high-level abiotic stress tolerant transgenic crops identification, isolation and characterization of novel abiotic stress responsive genes in rice and functional characterization of stress tolerance-related putative gene clones using	DPMB, New Delhi	42.92696	work in progress
34	Post harvest management of cut flowers of cut flowers of orchinds and anthuriums	KAU, Thrissur	25.33318	work in progress
35	Mass propagation of certain rare and high valued medicinal plant species of North East India using tissue culture technology	GU, Guwahati	38.44196	work in progress
36	Development of protocol for mass production of the bio-agent *Verticillium chlamydosporium* for integrated management in hoticultural crop	IIHR, Banga+C47 lore	32.32392	work in progress
37	A remote sensing and GIS based approach of water resources utilization for sustainable agriculture	JLNKVV, Jabalpur	57.89080	work in progress
38	Management of cane quality and *post*-harvest losses in sugarcane	IISR, Lucknow	44.66284	work in progress
39	In-situ decomposition of rice crop residues and production of improved compost as a carrier of multiple microbial inocula for use in rice-based cropping system	AAU, Jorhat	27.57392	work in progress
40	Utilization of nutrient rich organic sludge in afforestation of wastelands in Karnataka	IISc., Bangalore	15.70392	work in progress

S. No.	Title of the sub-Project	Location	Total Allocations	Implementation status
41	Induction of para-nodules in cotton with N2 fixing bacterium *Aazorhizobioum caulinodans*	CICR, Nagpur	23.86696	work in progress
42	Sustainable ground water management for improve food security in south India	TNAU, Coimbatore	15.88800	work in progress
43	IPM in rice and cotton ecosystems-technology improvement, validation and transfer	TNAU, Madurai	49.58432	work in progress
44	Value addition and quality enhancement of selected spices	TNAU, Coimbatore	36.85900	work in progress
45	Post harvest management of safed musli (*Cholrophytum borivilianum*)	NRC for Medicinal Plants, Anand	27.35892	work in progress
46	Formulation and supplementation of appropriate mineral mixtures for enhancing dairy animal productivity	CVSAH, GAU Krushinagar	32.74196	work in progress
47	Development of anti tick vaccine	MVC, Chennai	35.39048	work in progress
48	Bio-delignification of mustard straw to improve its feeding value	CSWRI, Avikanagar	16.58840	work in progress
49	Development of diagnositcs and vaccines for livestock against Cysticercosis+B61	ANGRU, Hyderabad	48.27144	work in progress
50	Improving commercial scale production and formulation technology for nuclear polyhedrosis viral biopesticides	TNAU, Coimbatore	25.38224	work in progress
51	Mass multiplication and utilisation of entomophogenic fungi in integrated pest management	UAS, Dharwad	31.50892	work in progress
52	Mycopesticides-improvement of production and formulation technologies for management of major insect pests on cotton	AU, Visakhapatnam	15.67196	work in progress
53	Improving the bio-efficacy and persistence of Neem in pest management of rice and rice based cropping systems	TNRRI, Thanjavur	15.43696	work in progress
54	Synthesis of design, operation and managment of surface conveyance irrigation systems	CAE, Raichur	26.92236	work in progress
55	Evaluation and standardization of pneumatic pressure parboiling of paddy	KAU, Thrissur	19.54024	work in progress
56	Agrarian institutions in Assam : An econimic analysis	AAU, Jorhat	21.16494	work in progress

S. No.	Title of the Sub-Project	Location	Total Allocations	Implementation status
57	Development of survey methodologies to inventorise database and to identify favourable agro-ecological areas using G.I.S. modelling for improvement and protection of rained jute crop	BCKVV, Mohanpur	31.95736	work in progress
58	Development and transfer of technological package on seed production and grow-out culture of Indian river prawan *Macrobrachhim malcolmanonii* (H.Milne Edward)	CIFA, Bhubneswar	42.91416	work in progress
59	Action research on designing, effective communication strategy in existing extension system of broad based agricultural extension. B71	TNAU, Coimbatore	19.60424	work in progress
60	Infrastructure policies for price stabilisation for onion and potato in Karnataka	UAS, Dharwad	14.10060	work in progress
61	Screening chrysanthemum cultivars and standardization of technique for off season flowering plastic green house cum rain shelter	AAU, Jorhat	22.60736	work in progress
62	Standardization of process for product development, value addition and waste utilization in banana and plantains	NRC on Banana, Tricky	15.22140	work in progress
63	In vitro mass propagation of selected High value medicial plants	JNKVV, Jabalpur	34.31036	work in progress
64	Isolation and identification of the pheromones of banana pseudostem borer, [*Odoiporus longicollis* (curuclionidae: coleoptera)] and study their use in the managment of the pest	IICT, Hyderabad	27.82006	work in progress
65	Integrated management of bacterial wilt of tomato in Himachal Pradesh	HPKVV, Palampur	21.15736	work in progress
66	Management of bacterial wilt desease of tomato and brinjal under terai ecological zone of West Bengal	BCKVV, Pundibari Cooch Behar	14.84892	work in progress
67	Integrated management of important soil-borne diseases of apple and cherry fruit plants through ecofriendly methods	HPKVV, Palampur	17.88040	work in progress
68	Development of IPM model for the spiralling whitefly, *Alecurodicu dispersus* Russell in tapioca and guava	TNAU, Coimbatore	11.83724	work in *progress*
69	Development of soil database and application of DSST for land evaluation	UAS, Dharwad	28.95236	work in progress
70	Molecular characterisation, generation of nucleic acid probes and monoclonal	IISc. Bangalore	27.23040	work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
	antibodies to Tospo virus infecting tomato			
71	Identification of molecular markers linked to the gene for resistance to rice hispa (dicladispa armigera oliv.) in rice	AAU, Jorhat	28.82540	work in progress
72	Marker assisted selection for wilt resistance in chickpea	UAS, Dharwad	23.63040	work in progress
73	Isolation and characterization of conditional and tissue-specfic promoters from *Arabidopsis* as tools for crop biotechnology	CCMB, Hyderabad	43.90540	work in progress
74	Policy issues for agricultural development on flood prone farms of Bihar	RAU, Pusa	14.68590	work in progress
75	Identification of molecular markers for natural disease resistance in Nicobari fowl by randomly amplified polymorpis DNA-PCR	CARI, Andaman	57.70868	work in progress
76	Development of insect resistant genotype in chickpea using biotechnological techniques	CCSHAU, Hissar	38.66080	work in progress
77	Molecular characterization of "Maqifera indiaca" genotypes using RPAD genetic markers	CISH, Lucknow	38.21040	work in progress
78	Development of transgenic potato resistant to tuber moth (*Phthorimaea operculella*) and late blight (*Phytophthora infestans*)	CPRI, Shimla	47.73736	work in progress
79	Molecular studies for tagging root (wilt) resistance genes in cocount	CPCRI, Kasaragod	31.82696	work in progress
80	Moelcular basis of disease reistance induced by *Celosia crisata* antiviral proteins	IARI, New Delhi	41.95540	work in progress
81	Basic and trategic research to commercialize hybrid wheat	DWR, Karnal	61.16315	work in progress
82	Development of comprehensive genetic linkage map of lentil (*Lens culinaris* medik.)	IARI, New Delhi	17.57907	work in progress
83	Synthesis and characterization of cDNA clone encoding an antiviral protein from *Bougainvillea spectabilis* Willd to develop virus resistant crop plants	TNAU, Coimbatore	16.33170	work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
84	Isolation of proteinaceous inhibitor of invertase from sugar b eet (*Beta vulgaris* L.) and its role in inhibition of suorose inversion in sugarcane (*Saccharum officinarum L.*)	PAU, Ludhiana	17.39170	Work in progress
85.	Isolation and cloning of genes coding for the nutritionally rich seed storage protiens of common buckwheat (*Fagopyrum esculentum* moench)	NEHU, Shillong	19.96116	Work in progress
86.	Exploitation of biodynamics of crop residue management on rice-wheat cropping system under adequate and limited moisture conditions	SKUAS&T, Jammu	22.77170	Work in progress
87.	Identification of appropriate technique for seed quality maintenance in rabi/summer groundnut	UAS, Dharwad	12.25312	Work in progress
88.	Temperature and irradiance stress causing forced senescence in wheat: expression of photosynthetic genes	GBPUA&T, Pantnagar	21.56812	Work in progress
89.	Identification of shade tolerant genotypes and s:udy of nuritional alternatives udner shade in guinea grass (*Panicum maximum)*	IGFRI, Jhansi	22.28905	Work in progress
90.	Development of improved apicultural technology package for honey production and promotion of cross pollination in field crops	RAU, Pusa	36.76682	Work in progress
91.	Identification of germplasm lines of various forage species tolerant to saline/sodic conditions and their characterization	IGFRI, Jhansi	25.17074	Work in progress
92.	Role of microbivorous nematodes in nutrient mineralization in rice-wheat agroecosystem to promote sustainable agriculture	IARI, New Delhi	20.31488	Work in progress
93.	Utilization of kairomone for sweet potato weevil management and its potential as a component of bio-intensive integrated pest management	CTCRI, Thiruvananthapuram	23.82483	Work in progress
94.	Serodiagnosis, epidemiology and management of papaya ringspot virus in Karnataka	UAS, Dharwad	24.61124	Work in progress
95.	Biocidal efficacy of fungal parasite, paecilomyces lilacimus and bacterial parasite pasteruia penetrans on management of root-knot nematode, meloidogyne species on important vegetable crops and arid zone	CAZRI, Jodhpur	18.61983	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
96.	Factors affecting Karnal bunt (*Neovosia indica)* resistance in wheat	CCSHAU, Hissar	24.67171	Work in progress
97.	Soil management for increased fertility: role of soil meso and macro fauna	UAS, Bangalore	23.47483	Work in progress
98.	Evaluation of existing practices of pest and disease management and development of an integrated module through farmer participation in cole crops and ground nut	UAS, Bangalore	29.23652	Work in progress
99.	Integrated management of crown gall disease in stone fruits casued by *Agrobacterium tumefaciens* (Smith & Townseed) conn.	YSPUH&F, Solan	18.24312	Work in progress
100.	Development and evaluation of location specific IPM modules for gram pod borer, Helcothis armigera Hubner	MPUA&T, Udaipur	15.50624	Work in progress
101.	Integration of botonical herbicide Coleus amboinicus/aromaticus with insect biological control of water hyacinth	Annamalai University, Tamilnadu	14.34312	Work in progress
102.	Mycoinsecticide and botanaical for manangement of rice pests in Assam	AAU, Jorhat	19.50160	Work in progress
103.	Baseline susceptibility of the diamondback moth, (*Plutella xylostella* L.) to *Bacillus thuringiensis cry toxins*: detection and monitoring for resistance	IARI, New Delhi	29.27236	Work in progress
104.	Development of integrated disease management strategies for sheath blight disease under rice-rice cropping system	AAU, RRS, Titabar	19.74312	Work in progress
105.	Development of immunodiagnostics to viral and virus like diseases of citrus and production of virus free sathgudi sweet orange planting material	ANGRAU, Hyderabad	24.99256	Work in progress
106.	Powdery mildew of cucurbits of Nagaland and sources of powdery mildew resistance in major cucurbits	Nagaland Uni. Medziphema	11.75444	Work in progress
107.	Organic farming: an eco-friendly approach for the management of insect pests of vegetable crops	TNAU Coimbatore	24.44568	Work in progress
108.	Development of viral biopesticides for the management of important lepidopterous insect-pests of vegetable crops in Jammu (J&K)	SKUAS&T, Jammu	19.66171	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
109.	Management of fruit borer, *Helicoverpa armigera* (Hub.) on tomato in subtropical and intermediate zones of Jammu (J&K)	SKUAS&T, Jammu	21.86171	Work in Progress
110.	Epidemiology and management of alternaria blight (*Alternaria sesami* (Kawam) Mohanty and Behera) of Sesamum	UAS, Bangalore	21.44124	Work in progress
111.	Biological control of soil borne diseases of sunflower	CSAUA&T, Kanpur	20.54983	Work in progress
112.	Establishment of Phytoplasma free budwood bank of peaches in Himachal Pradesh	YSPUH&F, Solan	29.40624	Work in progress
113.	Development of bioformulation for the management of leaf blight of wheat under rice wheat cropping system	IARI, New Delhi	34.71488	Work in progress
114.	Development of *Apis mellifera* in the North Eastern states of India	AAU, Jorhat	11.25624	Work in progress
115.	Formulation of biopesticides from cassava based starch factory effluents	CTCRI, Thiruvananthapuram	29.13624	Work in progress
116.	Integrated disease management in pea	HPKVV, Palampur	31.87483	Work in progress
117.	Investigation on avenues for utilization of eupatorium (*Chromolaena odorata*), an Obnoxious weed, for productive purposes in agriculture	UAS, Dharwad	22.72983	Work in progress
118.	Mass production and field evaluation of bio-agents (*Pseudomonas fluorescens*, Bacillus *macerans*, Pasteuria penetrans and arbuscular mycorrhizal fungi) for the eco friendly management of nematodes associated with vegetables	KAU, Thrissur	17.2364	Work in progress
119.	Isolation of secondary metabolities from fluorescent pseudomonads and their bioefficacy against pathogens of rice	NARDI, Secundrabad	25.81428	Work in progress
120.	MOU awaitedntain agriculture in transition: A study of process, determinates and implications in Himachal Pradesh	HPKVV, Palampur	8.92616	Work in progress
121.	Regeneration and mass propagation of high value Indian medicinal plant species by tissue culture	TERI, New Delhi	27.54392	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
122.	Changing sources and emerging issues in the irrigation sector of Tamil Nadu agriculture	TNAU, Coimbatore	8.41752	Work in progress
123.	Analysis of MOU awaitedntain farming system of north western Himalaya for enhansing productivity and socio-economic condition of marginal farmers	Centre for sustainable environment and heritage, New Delhi	6.27000	Work in progress
124.	Identification of nematode resistant breeding lines in MUSA	NRC on Banana, Trichy	13.47170	Work in progress
125.	Introduction and performance study of 'sub-tropical soft pear' to replace sand pear in Jammu district	SKUAS&T, Jammu	15.37225	Work in progress
126.	Biochemical charecterisation of traditional medicinal plants used against Jaundice caused by hepatitis virus	AAU, Jorhat	38.83616	Work in progress
127.	Export oriented protected cultivation of vegetables	CCSHAU, Hissar	27.50978	Work in progress
128.	Screening of ginger genotypes from north east India against rhizome rot.	Nagaland University, Medziphema	14.42508	Work in progress
129.	Nutrient recycling through fortified compost in INM for sustainable spice yield in hill zone of Karnataka,	UAS, Dharwad	22.96808	Work in progress
130.	Molecular identification of elite clones of mandrain orange (citrus reticulata Blanco) and production of micropropagated plants for rejuvenation of orange orchards in north eastern Himalayan region	BCKVV, Mohanpur, Nadia	32.63170	Work in progress
131.	Integrated nutrient and water management in kiwi fruit	YSPUH&F, Solan	20.28170	Work in progress
132.	Studies on efficient water and nutrient management through micro-irrigation in sweet cheery for Karewa land of Kashmir Valley	SKUAS&T, Srinagar	30.69308	Work in progress
133.	Standardization of production technology of Tulip (*Tulip spp.*) under protected conditions in Kashmir Himalayas	SKUAS&T, Srinagar	31.87116	Work in progress
134.	Integration of rain-water harvesting and drip irrigation for increasing productivity of high value fruit crops in Assam	AAU, Jorhat	22.53978	Work in progress
135.	Induction of downy resistance in commercial cultivars of grapes through cross breeding and in vitro embryo rescue methods	NCL, Pune	32.26896	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
136.	Breeding paprika caspicum annuum L. for organic colour and Oleoresin for value addition industries	Sarpan Agri-Horticultural Res. Centre, Dharwad	31.49978	Work in progress
137.	Molecular beacon based diagnostic of banana bunchy top virus and banana bract mosaic virus	IIHR, Bangalore	37.12478	Work in progress
138.	Conservation and cultivation of indigenous medicinal plants of Chhattisgarh forest and efficacy of their products in controlling diseases of vegetables	IGKVV, Raipur	15.86616	Work in progress
139.	Isolation, characterization and screening of VA-mycorrhizal fungi and *Azotobacter chroococum* from apples, citrus and litchi nurseries and orchards and their commercial expoitation for sustainable nursery production	YSPUH&F, Solan	43.41786	Work in progress
140.	Standardization of some agro techniques of anthurium production in low cost polyhouse under Assam conditions	AAU, Jorhat	19.80478	Work in progress
141.	Studies on the interactive effect of VAM fungi and otehr beneficial microbes with the pathogens causing panama wilt of banana and root rot of papaya	IIHR, Bangalore	39.97232	Work in progress
142.	Development of techniques for mass multiplication of rare medicinal plants through in vitro methods	RGCB, Trivandrum	13.23308	Work in progress
143.	Sustainable management of plant biodiversity: vegetable cowpea & amaranthus	KAU, Thrissur	24.07116	Work in progress
144.	Standardization of plant environment interaction in relation to crop management to enhance productivity of rose cut flowers	IARI, New Delhi	36.69788	Work in progress
145.	Utilisation of cement kiln flue and distillery effluent as potassium source in banana production	NRC on Banana, Trichy	7.11308	Work in progress
146.	Improving efficiency of Water and nutrient management in apple orchards by use of micro-irrigation and fertigation	IARI, New Delhi	23.21808	Work in progress
147.	Exploitation of dwarfing genes in improvement of areacaunt (*Areca Catechu* L.)	CPCRI, RRS, Vittal	11.37808	Work in progress
148.	Generation of transgenic papaya resistant to papaya ring spot virus	IIHR, Bangalore	21.24616	Work in progress

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149.	Biological hardening of tissue culture raised grape plantlets using VAM for enhanced ex vitro survival	IARI, New Delhi	15.76616	Work in progress
150.	Optimizing nutrition programme and irrigation for sustainable litchi production	BCKVV, Nadia	20.24312	Work in progress
151.	Alleviating occupational stress imposed on women agricultural workers of Kerala-an ergonomic approach	KAU, Thrissur	28.17478	Work in progress
152.	Studies on use of earth-heat energy energy for cooling greenhouses to save cooling water in hot-arid climates	JNKVV, ZARS, Morena	14.52808	Work in progress
153.	Development of innovative structures for extending shelf life of daily use agro-products	CCSHAU, Hissar	17.01208	Work in progress
154.	Development of an electrostatic sprayer	TNAU, Coimbatore	11.59852	Work in progress
155.	Development of microprocessor based precision farming equipment	TNAU, Coimbatore	17.22252	Work in progress
156.	Technology generation for optimization of sieve sizes for high recovery of quality seeds in cereals, pulses and oilseeds during processing	CSAUA&T, Kanpur	16.15808	Work in progress
157.	Integrated process for obtaining high quality soybean and soymeal by using stable and reusable enzymes derivatives	IIT, New Delhi	25.57024	Work in progress
158.	Development of process technologies for utilisation of rice bran meal in food products	Calcutta University	9.64600	Work in progress
159.	Incorporation of psyllium husk in food products for nutritional (hypocholestremic and laxative effect) improvement and thereby achieve the value addtion of psyllium husk and diversification of usage	GAU, Gujarat	19.21808	Work in progress
160.	Development of appropriate post-harvest technologies for handling and transportation of pineapple	AAU, Jorhat	29.86170	Work in progress
161.	Post harvest value addition to indigenous plant sources of north east India for development of natural food colorants	AAU, Jorhat	25.55752	Work in progess
162.	Microwave irradiation for sterlizing liquid foods with particular emphasis on producing value added mango puls	TNAU, Coimbatore	12.71616	Work in progress
163.	Enhancing utilization of Soybean through development of value-added food products	CCSHAU, Hissar	10.15170	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
164.	Assessment of post-harvest losses and transfer of technologies for reducing post-harvest losses on onion and garlic	NHRD, Maharastra	16.33600	Work in progress
165.	Purification of natural food colorants by ultrafiltration	Jadavpur Univ, Calcutta	10.57024	Work in progress
166.	Utilizaiton of fruit kernels as a source of edible oil	YSPUH&F, Solan	24.05116	Work in progress
167.	Development of suitable production technology, quality improvement and value addition in chilli	UAS, Dharwad	13.04308	Work in progress
168.	Hurdle technology for preparation of pomegranate powder	Adhiparasakthi College, Tamilnadu	6.85944	Work in progress
169.	Development, evaluation and adoption of equipment and gadgets for harvesting, handling, grading, packaging and transport of selected fruits and vegetables	IARI, New Delhi	19.94240	Work in progress
170.	Standardisation of tea processing technology in-north-west India	HPKVV, Palampur	18.63170	Work in progress.
171.	Standardisaiton of extraction and preservation techniques of palm sap (Toddy) from coconut (cocos nucifera L)	KAU, Thrissur	10.78170	Work in progress
172.	A new class of potential insecticides and pesticides: synthesis and biological activities of novel tetraydropyrimidines	St. Anthony College Shillong	20.05670	Work in progress
173.	Natutional profile of tribal women in Meghalya	ICARRC NEHR	22.10752	Work in progress
174.	Improving skills of women agricultural workers in Kadi Area of Jammu province: participatory approach	J&K	22.06388	Work in progress
175.	Involvement of rural women of Assam in sustainable horticultural development	AAU, Jorhat	13.85116	Work in progress
176.	Economics of bio-input usage in agriculture	TNAU, Coimbatore	13.32616	Work in progress
177.	Expert system of extension	IARI, New Delhi	24.56510	Work in progress
178.	Ecological economics for sustainable agriculture: policy, organization and evaluation of soil science research in India	NISTADS, New Delhi	14.80540	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
179.	Water-food security scenario analysis for 2025: agro-ecological regional approach	NCAE&PR, New Delhi	29.11918	Work in progress
180.	Development of bayesain methods for evaluation for variability in soils of Kashmir	SKUAS&T, Srinagar	14.22262	Work in progress
181.	Formalising irrigation institutions: A study of wateruser associations in Andhra Pradesh	CESS Hyderabad	11.59978	Work in progress
182.	Designing and validation of communication strategies for responsible sustainable fisheries-A co-learning approach	CMFRI, Kochin Thiruvananathpuram	11.15808	Work in progress
183.	Geophysical characterization of soil water system in the agro environment	IARI, New Delhi	20.05400	Work in progress
184.	Productivity augmentation through sub surface drainage and Eco-friendly aquaculture integration in acid saline coastal ricelands Kerala	KAU, Thrissur	19.44160	Work in progress
185.	Characterization, multiplication and agronomic evaluation of elite bamboo clones from western ghats	UAS, Dharwad	21.11978	Work in progress
186.	Hydrological water balance modelling of rainfed watersheds for improved water management	IIT, Kharagpur	45.01602	Work in progress
187.	Efficient use of drainage effluent with high frequency drip irrigation	CCSHAU, Hissar	18.84170	Work in progress
188.	Improvement in the efficiency of single super phosphate by coating	MPUA&T, Rajasthan	22.05170	Work in progress
189.	Identification of appropriate farming systems for various categories of households for sustainable development in the hill zone of Karnataka	UAS, Dharwad	14.48616	Work in progress
190.	Conjoing use of chemical fertilizers with crop residues, FYM and biofertilizers for higher nutrient efficacy and sustainable off-season vegetable production	YSPUH&F, Solan	22.30616	Work in progress
191.	Assessment of sugarcane yield losses inflicted by abiotic and biotic stresses through remotely-sensed spectral reflectance from crop canopy	IISR, Lucknow	35.44624	Work in progress
192.	Rainwater management for increasing agricultural productivity of rainfed eco-system in eastern India	IIT, Kharagpur	29.25716	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
193.	Development of suitable nutrient application and management practices for eastern dry zone of Karnataka	UAS, Bangalore	13.87616	Work in progress
194.	Exploiting trichoderma species for improving Gram-Rhizobium symbiosis in vilt affected areas of Chhattisgarh	IGKVV, Chhattisgarh	16.88978	Work in progress
195.	Accelarated physical modelling of contaminat transport in soils	IIT, Mumbai	18.68696	Work in progress
196.	Studies on multipurpose tree species agroforestry models for maintenance of soil fertility and sustainable crop productivity in degraded uplands of Tripura	ICAR Res. Comp. Tripura	14.63808	Work in progress
197.	Agronomic strategies and use of multipurpose trees for rehabilitation of degraded lands in the coastal zones of Tamilnadu	Annamalai University, Tamilnadu	9.41808	Work in progress
198.	Assessment of spatial and temporal variation in soil microbial diversity across different cropping system in irrigated agroecosystem	IARI, New Delhi	24.96160	Work in progress
199.	Evaluation of biological inter-action in acacia rice agro-forestry on farm bunds at farmers field	JLNKVV, Jabalpur	23.27170	Work in progress
200.	Improving productivity and sustainability of rice-wheat system through integrated nutrient management strategies under alkali soil reclamation and sodic water use condition	CSSRI, Karnal	18.78808	Work in progress
201.	Development of integrated nutrient management of important cropping systems in sodic soils	RBS College, Bichpuri	18.02160	Work in progress
202.	To enhance competitiveness of biologically fixed nitrogen (P fix) in chickpea	CCSHAU, Hissar	19.64170	Work in progress
203.	Bioconversion of urban wastes and agri-wastes	ANGRAU, Hyderabad	16.40670	Work in progress
204.	Introduction and standardization of cultural technology of Paulownia fortunei for agroforestry systems in Punjab	PAU, Ludhiana	20.53840	Work in progress
205.	Studies on vesicular arbuscular mycorrhizae (VAM) in meeting phosphorus needs of important cropping systems in MOU awaitedness soils of Himachal Pradesh	HPKVV, Palampur	14,75840	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
206.	Quality improvement of value added surimibased products from low-priced fish by enhancing protien functionality	QUA&T, Orissa	22.36808	Work in progress
207.	Microsatelite markers for genetic improvement of cattle	KAU, Thrissur	19.00312	Work in progress
208.	Development of cell culture adapted duck plague vaccine from a local isolate	AAU, Jorhat	16.32670	Work in progress
209.	Study on the mineral status of feed and fodders in arid zones of Rajasthan, bioavavailablity and preparation of area specific mineral mixture for improved productivity in camel	NRC on Camel Bikaner	18.70624	Work in progress
210.	Identification of molecular markers applicable to progeny testing programmes in buffaloes	CIRB, Hissar	27.70170	Work in progress
211.	Optimizing animal productivity in the hill region using forages rich in anti-nutritional factors	IVRI, Izatnagar	16.25312	Work in progress
212.	Studies on preservation of boar semen progress in relation with artificial insemination	ICAR Res. Comp, Meghalaya	19.84312	Work in progress
213.	Testing the immunogenicity of rabies glycoprotien produced in transgenic crops	UAS, Bangalore	29.98670	Work in progress
214.	Molecular marker based pilot genetic test for fecundity gene(s) in indigenous sheep and goat breeds	NBAGR, Karnal	10.40312	Work in progress
215.	Development of non-invasive technique of embryo collection and transfer for enhanced goat production	CIRG, Mathura	28.84482	Work in progress
216.	Development of nucleic acid (DNA) vaccine against brucellosis in goats	CIRG, Mathura	27.08170	Work in progress
217.	Immunological control of tropical fasciolsis in ruminants	IVRI, Izatnagar	17.36312	Work in progress
218.	Development of biofilm based vaccine against salmonellosis pasteurellosis and colibacillosis in poultry	UAS, Banglore	23.14170	Work in progress
219.	Development of effective antigen delivery system through polymer microencapsulation technology	IVRI, Izatnagar	30.33170	Work in progress
220.	Ochratoxicosis in animals with special reference to teratogenicity, diagnosis and ameliorative measures	IVRI, Izatnagar	15.69312	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
221.	Bovine-immuno-deficiency virus: isolation, molecular and characterization and development of diagnostics	IVRI, Izatnagar	36.16782	work in progress
222.	Evolving breeding and larviculture technology for grouper epinephelus tauvina by applying GnRHa-based spawning induction technology and ayurvedic products	Manmonian Sundarnar Univ, Tamilnadu	38.28616	work in progress
223.	Broodstock development, breeding, hatchery production and restocking (ranching of mud crabs)	CMFRI, Cochin Thiruvananthapuram	18.38616	work in progress
224.	Evaluation of ornamental fishery potential in NEH region-its farming and export feasibility	ICAR Res. Comp. Barapani, Meghalaya	24.00670	work in progress
225.	Role of alternative protein sources, additives and pineal in growth and metabolism in some locally available catfishes for sustainable aquaculture	CCSHAU, Hissar	16.74978	work in progress
226.	Wound healing, antineoplastic, and antioxidant compounds from two marine crinotoxic catfishes	CIFE, Mumbai	20.43616	work in progress
227.	Production of bioactive substances from squid and cuttlefish processing waste	KAU, Thrissur	26.83616	work in progress
228.	Agro-ecological analysis and land evaluation of citrus growing areas of Assam for sustainable production	AAU, Jorhat	21.56340	work in progress
229.	Composting and enrichment of fruit and vegetable garbage with low grade rock phosphate through biological means	MPUA&T, Rajasthan	17.74170	work in progress
230.	Impact of contour hedgerow farming system technology on land capability restoration in upland agriculture system and capacity building for technology dissemination in North Eastern India.	GBPIHE&D, Itanagar	22.63978	work in progress
231.	Nodulation and nitrogen fixation in cereals	IARI, New Delhi	10.18696	work in progress
232.	An agro-ecological framework for integrated nutrient management with special reference to western zone of Tamilnadu	TNAU, Coimbatore	19.93170	work in progress
233.	Conservation tillage and green manure mulching for optimizing productivity in maize-wheat cropping system in the sub-montaneous Himalayan region	CS&WCR&TI, Dehradun	14.29308	work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
234.	Nutrient dynamics in representative agro-ecological soils of J&K State	SKUAS&T, Jammu	19.45170	Work in progress
235.	Organic matter and nutrient dynamics in marginal and intensive agricultural/ agroforestry ecosystems in North India	CCSHAU, Hissar	17.89978	Work in progress
236.	Methane and nitrous oxide emission from rice growing regions of India assessment of mitigation systems.	IARI, New Delhi	18.79320	Work in progress
237.	Land drainage planning in Thanjavur Delta using remote sensing and GIS	TNAU, Coimbatore	21.87286	Work in progress
238.	Toward attaining sustainability in fragile agro-eco system of coastal-saline tracts of sunderbans in West Bengal through need based low-cost cropping systems	Calcutta University	19.61786	Work in progress
239.	Computer based decision support system for sustainable management of bhata land (Entisols) adopting watershed approaches for Chhattisgarh region	IGKVV, Chhattisgarh	21.83480	Work in progress
240.	Determination of potassium stocks of Indian soils in terms of thier biotite content	IISS, Bhopal	10.05116	Work in progress
241.	Survey and evaluation of extracts of some tree/shurb species available in Western ghats of Karnataka for their pesticidal value	UAS, Dharwad	13.96808	Work in progress
242.	Diversification of rice wheat cropping system through introduction of legumes.	CCSHAU, Hissar	18.37978	Work in progress
243.	Screening and identification of fast growing fuelwood and fodder spices for higher biomass production of Garhwal Himalayas	Forest Research Institute Dehradun	14.74978	Work in progress
244.	Studies on nitrogen minerlization for enhancing N use efficiencies in agricultural system	PAU, Ludhiana	14.20670	Work in progress
245.	Studies on the longevity of sunflower genotypes in different combinations of seed moisture, humidity and temperature	CSAUA&T, Kanpur	16.33808	Work in progress
246.	Characterization, evaluation of plant genetic resources of selected spices of J&K and their sustainable utilization through use of biofertilizers and biopesticideds (*project title changed and resubmitted in NRM)	SKUAS&T, Jammu	20.48170	Work in progress
247.	Development of sustainable agro-technology for maximizing production of boro rice in deepwater/lowland areas of Eastern U.P.	BHU, Varanasi	12.52170	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
248.	Development of a national data base on weeds	NRCWS, M.P.	20.57560	Work in progress
249.	Agricultural diversification in eastern region: potentials and problem	IIHD, New Delhi	29.11080	Work in progress
250.	Characterization of diara ecosystem of develop strategies for enhanced productivity	IARI, New Delhi	25.98190	Work in progress
251.	Tagging for creation of male-sterile transgenic plants for use in hybrid production	NRCPB, New Delhi	24.47236	Work in progress
252.	Identification of molecular marker linked to the gene for submergence tolerance in rice	AAU, Jorhat	20.21170	Work in progress
253.	Molecular tagging of gene for cold tolerance in rice	AAU, Jorhat	19.47818	Work in progress
254.	Development of cold tolerant lines in rice through doubled haploid breeding and genetic transformation	ICAR RC NEHR	15.79170	Work in progress
255.	Functional genomics stragegy for novel genes discovery to improve drought tolerance in crop plants	IARI, New Delhi	18.40540	Work in progress
256.	Identification of genes for scratch synthesis with high temperature tolerance for enhanced economic yields	CCSHAU, Hissar	19.14170	Work in progress
257.	Development of transgenic brinjal (solanum melongena L.) expressing Bt. insecticidal toxin for resistance to the fruit and shoot borer, leucinodes orbonalis (Guence)	IIHR, Bangalore	18.98170	Work in progress
258.	Molecular market assisted selection for turcium blight resistance in maize for North Western Himalaya	VPKAS, Almora	19.52340	Work in progress
259.	Creation of variability in cumin through in vitro technique	RAU, Jobner	18.84170	Work in progress
260.	Development of recombinant inbred lines, molecular map and mapping of agronomically useful genes in finger millet	UAS, Bangalore	24.14890	Work in progress
261.	Cloning and charecterization of tissue-specific promoters for targeted expression of anti-fungal genes in the pod wall and seed coat of groundnut to control infection and colonization of aflatoxin-producing fungus aspergillus flavus	Univ.of Hyderabad	29.29890	Work in progress
262.	Genetics of fertility restoration and molecular mapping of fertility restorer gene(s)in basmati rice	IARI, New Delhi	25.40540	Work in progress

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
263.	Identification and characterization of drought and temperature-stress responsive genes and their promoters from pennisetum spices	ICGEB, New Delhi	30.38236	work in progress
264.	Development of transgenic cassava resistant to cassava mosaic disease through pathogen derived resistance	CTCRI, Thiruvananthpuram	28.85170	work in progress
265.	Modulation of the expression of the glyoxalase 1 and glyoxalase II genes in brassica juncea for salt-stress	JNU, New Delhi	23.10540	work in progress
266.	India's livestock feed balance and its environmental implications	NCA&PR New Delhi	28.94510	work in progress
267.	Animal based farming systems for long term sustainability in Northern Karnataka-A socio-economic assessment	UAS Banglore	19.60780	work in progress
268.	Utilisation of organic wastes and mineral fertilizer in improving the soil quality and crop productivity in Meghalaya	ICAR Res. Complex for NEH Region Meghalaya	16.355400	work in progress
269.	Participatory extension model for technology refinement and dissemination	Kerala Agricultural University Thrissur-680651	3.344000	work in progress
270.	Gender implications in small farming systems: strategy for their empowerment and development	IARI, New Delhi	5.146800	work initiated
271.	Developing and testing of multimedia integrated system of education for young farmers of Punjab in high tech. Agriculture	PAU Ludhiana Punjab	3.959000	Work initiated
272.	Dynamics of Res.-Ext. linkages in agricultural development systems: structure modality status and evolving a model for appropriate technology generation and effective technology transfer	VARDAN, New Delhi-110064	11.809800	Work initiated
273.	Gender analysis of farming systems for sustainable technologies development programmes and livelihood	College of Agri. (KAU), Vellanikkara	3.678000	Work initiated
274.	Assessment of malnutrion in women and children in arid areas through nutritional anthropometry, dietary records and assessment of ecological factors	CAZRI, Jodhpur	6.678000	Work initiated
275.	Food production and demand by state and region in India	IARI, New Delhi	5.951800	Work initiated
276.	Efficiency in canal irrigation water management through water users	UAS, GKVK Bangalore	4.707000	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
	association-participatory research for scarce natural resource management in Karnataka			
277.	Improving technical efficiencies to cope-up the import threat of edible oil in India	NCAP, Pusa New Delhi	4.951800	Work initiated
278.	Institutional options for the seed system development	NCAP, Pusa New Delhi	6.716000	Work initiated
279.	Impact assessment of soil salinization on rice production in southern India food security issues and investment priorities	TNAU, Coimbatore	5.947900	Work initiated
280.	Impact of globalization on indian seed sector implications	UAS, Agri. College (UAS) Mandya	4.340500	Work initiated
281.	Transfer of agro biotechnology to small and landless deprived women farmers of South sonabhdra of Uttar Pradesh	Delhi University, New Delhi	2.518000	Work initiated
282.	Estimation of field experimental variability to improve efficiency in dry farming experimentations of saurashtra region	GAU, Junagarh	4.280400	Work initiated
283.	A sociological investigation of livelihood patterns, determinants and prospects for landless agricultural labour in North Bihar	LN Mithila University, Darbhanga	3.788000	MOU awaited
284.	Molecular markers for disease resistance in shrimp penaeus mondon	College of Fisheries Mangalore	13.127900	Work initiated
285.	Development of a national referral laboratory for marine fish and shelfish microbial disese	CMFRI, Cochin, Kerala	16.028900	Work initiated
286.	Resource assesement of ornamental reff fishes of gulf of manner, South East coast of India	FCR&I, Thoothukkundi	3.859000	Work initiated
287.	Development of information system on alien aquatic species and quarantine aspects	NBFGR, Lucknow	5.829000	Work initiated
288.	Development of farmer level monoclonal antibodies based immunodot kit for management of whitespot syndrome in shrimp culture	UAS, Mangalore	10.609000	Work initiated
289.	Assessment of status and possible impact extoticfish species in major rivers system of India	FRI, Barrackpore	5.786000	Work initiated
290.	Water quality and pollution-wastewater treatment and management leading to secondary aquaculture practices	CAS in Marine Biology Parangipethai	10.11800	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
291.	Characterization by DNA fingerprinting of ber (Zizyphus mauritiana)	IARI, New Delhi-12	16.696800	Work initiated
292.	Standardization of fertigation technique and water requirement under micro-irrigation systems in fruit crops of arid ecosystem	CIAH, Bikaner	12.872900	Work initiated
293.	Standardization of protocol for walnut micropropagation	SKUAS&T, Srinagar	12.934000	Work initiated
294.	Integrated management of apple scab thourgh development of scab warning system in Uttaranchal hills	GBPUAT, Ranichauri	12.233900	Work initiated
295.	Integrated management of citrus canker	AAU, Jorhat	8.183900	Work initiated
296.	Scheme to develop induced systemic resistance to banana bunchy top virus (BBTV) in banana	TNAU, Coimbatore	12.748000	Work initiated
297.	Mass multiplication of aonla and bael through in vitro techniques	CISH, Lucknow	7.889000	Work initiated
298.	Selection of genotypes resistant to drought and aril browning in pomegranate (Punica granatum L.) using DNA markers	IIHR, Bangalore	10.163900	Work initiated
299.	Increasing off-season vegetable production in a sustainable manner through the use of macro nutrients, micro nutrients, bio fertilizers and organic manure in cold desert and dry temperate soils of HP	CSK, HPKV, RRS, Bajaura	11.833000	Work initiated
300.	Development and evaluation of production technology of export-quality vegetables under protected conditions	IARI, New Delhi	9.526000	Work initiated
301.	Incorporation of combined resistance to tomato leaf curl virus and bacterial wilt in tomato (Lycopersicon esculentum Mill.)	IIHR, Bangalore	11.468000	Work initiated
302.	Rain shelter cultivation of vegetables for off seadon production and employment generation	KAU, Thrissur	8.511900	Work initiated
303.	Integrated approach for genetic improvement of taro to develop toleran lines to biotic and abiotic stresses	CTCRI, Bhubaneswar	13.186000	Work initiated
304.	Molecular characterization of indigenous rose genotypes	IARI, New Delhi-12	14.403000	Work initiated
305.	Exploitation of under utilized edible mushroom flora of Chhattisgarh	IGARI, Raipur	4,189000	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
306.	Recycling of agricultural waste through mushroom production and spent substrate conversion into organic manure	IIHR, Bangalore	12.309000	Work initiated
307.	Molecular mapping and manipulation, of genes controlling some agroeconomic traits in mungbean with special emphasis on yield, quality and MYMV resistance	AAI, Allahabad	13.659000	MOU awaited
308.	Thermostablisation of recombinant protective antigen of Bacillus anthracis	JNU, New Delhi-67	12.876500	MOU awaited
309.	Improvement of soy oil quality for increased shelf life by recombinant DNA technology	IARI, New Delhi-12	6.218000	Work initiated
310.	Genetic engineering of male fertility restoration in cytoplasmic male sterile lines of Brassica juncea through expression of specific genes for the nucleus	IARI, New Delhi-12	6.278000	Work initiated
311.	Isolation of (E)-B farnesene synthase from Mentha indica: development of aphid repellent Brassica juncea as a model system	IARI, New Delhi-12	5.333000	Work initiated
312.	Molecular mapping of genes/QTLs for salinity tolerance using population derived from Basmati X indica rice crosses	CCS, HAU, Haryana	5.513900	Work initiated
313.	Chromosome location, designation and fine mapping of novel adult plant leaf rust resistance genes in wheat through molecular techniques	PAU, Ludhiana	9.021500	Work initiated
314.	Genetic transformation of Indica rice with mungbean Late Embryogenesis Abundant related protein genes for drought tolerance	TNAU, Coimbatore	4.399000	Work initiated
315.	Engineering Indian mustard (brassica Juncea Coss. & czern.) for alternaria blight resistance	CCS, HAU, Hissar	7.859000	Work initiated
316.	Development of DNA markers linked to the root knot nematode resistance gene in rice for use marker aided selection in breeding for root knot nematode resistance	CRRI, Cuttuct	4.555500	Work initiated
317.	Molecular marker aided rice prebreeding using wild progenitors	DRR, Hyderabad	6.990400	Work initiated
318.	Tagging and mapping of GM8 gene for gall midge orseolia oryzaeresistance using molecular marker technology	IGKV, Raipur	11.973900	Work initiated

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319.	Development of bio-fortified functional dairy products using probiotic cultures	College of Vet. Science, Tirupati	11.940800	Work initiated
320.	Vaccine strtegies for prevention of bacterial diarhoea in neonatal calves	PDDUPCVVEGAS, Mathura	18.956600	Work initiated
321.	Drug and chemical residues in livestock and their edible products	IVRI, Izatnagar, U.P.	37.833900	Work initiated
322.	Identification of gene(s) encoding buffalo gonadotropin releasing hormone receptor (GnRH-R) in relation to buffalo genome analysis for its health & productivity	IVRI, Izatnagar, U.P	9.630800	Work initiated
323.	Residues of toxic metal pollutants in livestock system and products their effects and containment	IVRI,Izatnagar, U.P	10.121600	Work initiated
324.	Assessment of new markers for estimating microbial protein synthesis in ruminants	IVRI, Izatnagar, U.P.	10.594700	Work initiated
325.	Development of defined deletion double mutant vaccine for salmonella abortus-equi infection	IVRI, Izatnagar, U.P.	8.513900	Work initiated
326.	Cytokine therapy in caprines/ovines farming: production of recombinant cytokines and its evalution in production and protection of goats and sheep	IVRI, Izatnagar, U.P.	20.463900	Work initiated
327.	Studies on the efficacy of seabuckthorn (Hippophae sp.) on soft tissue repair with particular reference to cutaneous wounds, burns and gastric ulcers	CSK, HPKV, Palampur, H.P.	14.108900	Work initiated
328.	Developments of field diagnostics For post parturient lactational syndrome	G.B.Pant Univ. of Agri & Tech. Pantnagar	6.859500	Work initiated
329.	Physiological evaluation of stress and meat quality Induced by growth promoters in Broiler Chicken	College of Veterinary and Animal Sciences Mannuthy, Thrissur	8.027800	Work initiated
330.	Improving the Nutritional Value By Bio-Conversion of Crop residues (Agro-Industrial by-products) in Poultry using Dietary Enzymes	UAS, Bangalore	9.860400	Work initiated
331.	Effect of micronutrients, Herbal drugs and Homeopathic drugs on subclinic Mastitis in goats and neonatal diseases of their kids	PG College of Veterinary and Animal Sciences MAFSU, Akola	16.330800	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
332.	Draft power assessment of different breeds of cattle and buffaloes	Nagpur Veterinary College, Nagpur	6.761500	Work initiated
333.	Development of Elisa for detection of Listeria monocytogenes in Milk	Nagpur Veterinary College, MAFSU, Akola	8.010800	Work initiated
334.	Enhancement of shelf life of indigenous dairy products by the application of modern processing techniques	UAS, Bangalore,	18.070400	Work initiated
335.	Studies on the processing of certain value added duck and chicken meat products	College of Veterinary Science Tirupati, A.P.	7.457300	Work initiated
336.	Expression of recombinant inhibin (alpha) submit and its use for fecundity agumentation in sheep and goat	NDRI, Karnal, Haryana,	6.915800	Work initiated
337.	Productive performance of pure and cross breed meat type goat in Manipur	CAU, Imphal	5.710800	Work initiated
338.	Development of vaccine and vaccinationstrategy against pneumnic pasteurellosis and swine fever in pigs	AAU, Guwahati, Assam	12.313900	Work initiated
339.	Diagnosis of non-penetrating foreign bodies sysndrome in Bovine	P.G. College of Veterinary & Animal Science, Akola, Maharashtra	8.430800	Work initiated
340.	Productivity of livestock development of molecular markers for identifications of genes for disease tolerance and productivity	NDRI, Adugodi, Bangalore	6.376600	Work initiated
341.	Study on ultralow preservation of female germplasm and its use for in vitro embryo production in buffalo and goats	IVRI, Izatnagar, U.P.	19.665800	Work initiated
342.	Exploring processing potential of Jack fruits (Artocarpus heterophyllus) Lam) diversity in western ghats	KRC College of Arabhavi Horti. initiated	7.749000	Work
343.	Development of modified atmosphere packaging for guava fruits amendable to long distnace transport	UAS, GKVK Bangalore	13.105400	Work initiated
344.	Value addition and quality enhancement of pulses based processed Products	JNKVV, Jabalpur	14.492900	Work initiated
345.	Development of post-harvest technologies and value addition of certain commercially important flowers of North East Region	AAU, Jorhat	3.934000	Work initiated
346.	Large scale drying of chillies by using converting existing tobacco Barns	ANGRAU, Bapatala	3.839000	Work initiated

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347.	Heated Air drying of some locally available vegetables of Jammu Region (J&K)	SKUAST, Jammu	7.379000	Work initiated
348.	Mathematical modelling of enzyme assisted carrot (Daucus carota) juice expression, preservation and by-product uitlization	SLIE&T, Sangrur	5.693900	MOU awaited
349.	Microwave assisted dehydration of fruits and vegetables	IARI, New Delhi	14.064000	Work initiated
350.	Design and testing of 1 TPH capacity agricultural residue based cattle feed block formation plant suited to Indian situations	IARI, New Delhi	16.731800	Work initiated
351.	System approach in mechanization of mango orchards to increase the productivity	CISH, Lucknow	16.006500	Work initiated
352.	Development of precision seeding and spraying equipment for vegetable crop production	IARI, New Delhi	6.681800	Work initiated
353.	Development of performance evaluation of water Hyacinth (EichorinaCrassipes) chopper cum crusher	MPUAT, Udaipur	5.674000	Work initiated
354.	Development of suitable technologies for Mechanization of Production and processing operations of chicory crop grown in Western UP	Aligarh Muslim University Aligarh	13.090900	MOU awaited
355.	Development of a packaging line for commercial cultivars of mango of north India	CISH, Lucknow	16.929500	Work initiated
356.	Pre-breeding for genetic enhancement of rabi pigeonpea	RAU, Bihar, Pusa	13.002900	Work initiated
357.	Studies on physio-genetic mechanism of excess soil moisture tolerance in maize	IARI, New Delhi	10.259800	Work initiated
358.	Genetic & biochemical characterization of short duration chickpea Genotypes for cold tolerance & resistance to Ascochyta blight & Fusarium wilt & their exploitation in HP	HPKV, RRS, Dhaulakuan, Sir MOU awaited	8.469000	Work initiated
359.	Identification of Diverse guar germplasm using RAPD markers for gum	CCS, HAU Hissar	9.683000	Work initiated
360.	Development of physiological and morphological screening methods in breeding programmes to improve drought tolerance in mothbean	RAU, Bikaner, Rajasthan	3.029000	Work initiated
361.	Role of high intrinsic calcium content in potassium-sodium selectivity under	UAS, GKVK, Bangalore	16.53120	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
	saline stress in finger millet genotypes an among species, differing distinctly in clacium Content			
362.	Identification of Physio-biochemical markers for cold tolerance in sugarcane	IISR, Lucknow	7.732000	Work initiated
363.	Pre Breeding in the diplod progenitor brassica nigra as an alternate source of genetic variability For Brassica Juncea L	PAU Ludhiana Punjab	2.528900	Work initiated
364.	Genetic modification of Lectin content and profile to enhance nutritional quality of ground nut (Arachis hypogaea L.)	UAS, Dharwad	9.677500	Work initiated
365.	Screening of linseed genotypes against Sclerotium rolfsii through conventional and isozyme technique	IGAU, Raipur	11.339000	Work initiated
366.	Exploitation of winter wheat gene pool for the Improvement of spring Wheat	ICAR, Almora	5.618900	Work initiated
367.	In vitro cell line selection for salt tolerance and protoplast studies in cotton	UAS, Raichur	8.592900	Work initiated
368.	Identification and genetic characterization of Photo and thermi insensitive source in Urdbean (vigna mungo L Hepper)	IIPR, Kalyanpur, Kanpur	9.082900	Work initiated
369.	Pre breeding in wheat for terminal heat tolerance	NBPGR, New Delhi	6.958000	Work initiated
370.	Mobilization of superior genes for flour quality into bread wheat	IARI, New Delhi	10.493000	Work nitiated
371.	Screening of germplasm for disease resistance in boro rice	RAU, Pusa	11.427900	Work initiated
372.	Genetic improvement of restorers and maintainers for better grain quality and increased magnitude of heterosis in rice (Oryza. Sativa L.)	DRR, Hyderabd	2.244000	Work initiated
373.	Integrated Management of alien weed chromolaena odorata	AICRP, Bangalore	7.843000	Work initiated
374.	Integrated management of cuscuta spp. in field crops	NRC, Jabalpur	2.579000	Work initiated
375.	Weed seed identification, conservation and documentation for improving seed quality evaluation	IARI, New Delhi	3.570000	Work initiated
376.	Development of biodiversity inventories, pest diagnostics and bioinformatic tools for the insects associated with major agriculture crops	IARI, New Delhi	9.628600	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
377.	Biodegradation of pesticides and enhanced natural bioprocess development in cotton IPM	University of Delhi, Delhi	17.081000	Work initiated
378.	Isolation of baculoviruses from larval Arctidae (Lepidoptera) and standardization of mass production techniques of promising entomopathogenic strains	PDBC, Bangalore	11.397900	Work initiated
379.	Conservation of Insect pollinators for enhancing productivity of a silvi-horti system in the hill zone of Karnataka	UAS, RRS Mudigere Bangalore	9.408000	Work initiated
380.	Studies on tritrophic interactions for enhancement of natural enemy activity for effective biological control	IARI, New Delhi	18.041000	Work initiated
381.	Exploitation of Nomurae rileyi, Verticillium lecani and Metarhizium anisopliae for the management of inflorescences pests of areca nut	UAS, Bangalore	9.913900	Work initiated
382.	Isolation and in-vitro screening of newer strains of Hirsutella thompsoni against the coconut eriophyid mite Aceria guerreronis K	KAU, Thrissur	11.748000	Work initiated
383.	Delineation of the allelochemicals related to the sugarcane internode borer, Chilo sacchriphagus indicus (K) resistance	SBI, Coimbatore	11.872900	Work initiated
384.	Influence of different land use corridors on Insects pestsand their natural enemies in paddy agroecosystems	ATREE, Bangalore	8.102900	MOU awaited
385.	Exploitation of pest control potential of some naturally occurring plant species for sustainable vegetable production in Himachal Pradesh	Univeristy of Horticulture and Forestry Nauni Solan	7.599000	Work initiated
386.	Magnitude of insecticide contamination in-vitro in market samples of vegetables in Jammu and its management	SKUAS & T, Jammu, J&K	15.303900	Work initiated
387.	Citrus tristeza virus-strain identification for cross protection, insect-vactor transmission and management	IARI (RS), Shivajinagar, Pune	8.809000	Work initiated
388.	Diversity of citrus yellow mosaic badnavirus (CYMBV) and its potential as a genetic engineering tool	IARI, New Delhi-12	6.178000	Work initiated
389.	Physiological and molecular characterization of Alternaria blight pathogen in Tomato	IIVR, Varanasi	10.459000	Work initiated
390.	Study the Mechanism of antagonism and host specificity in trichoderma harzianum	G.B. Pant Univ. of Agri. Tech. Pantnagar	10.928000	Work initiated

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
391.	Molecular approaches in the identification and detection of races/straints of ralstonia solanacearum, ecology and integrated management of bacterial wilt of tomato	UAS, Bangalore	6.573000	Work initiated
392.	Sustainable management of sheath rot of rice for rice cropping system in Assam	AAU,Jorhat	11.398900	Work initiated
393.	Cultural practices for integration as biorationals in cotton weed management and for enhanced input use efficiency	Annamalai University, Annamalainagar	2.429000	Work initiated
394.	Improvement of formulation technology for entomopathogenic nematodes	PDBC, Bangalore	14.477900	Work initiated
395.	Integration of entomopathogenic nematodes with other biopesticides for the management of Helicoverpa armigera in chick pea	UAS Dharwad	8.269000	Work initiated
396.	Studies on the culturing and mass production of Pasteuria penetrans, the bacterial parasite of root-knot nematodes (Meloidogyne spp.)	CCS, HAU Hissar	4.753000	Work initiated
397.	Development of bioformulation from improved strains of trichoderma for cauliflower and tomatoes	IARI, New Delhi	9.688000	Work initiated
398.	Physiology and biochemical basis of non-structural carbohydrate accumulation in submergence tolerant rice cultivars	CRRI, Cuttack	16.848000	Work initiated
399.	Physiological studies on high temperature tolerance in groundnut	NRC for Groundnut, Junagadh	7.675500	Work initiated
400.	Idenitification of temperature and moisture stress tolerant microbes for rapid recycling of paddy crop residues under climatic conditions of Chattisgarh	IGKV, Raipur	7.448000	Work initiated
401.	Sustainable management of wastelands of Chhattisgarh through integrated approaches using remote sensing and GIS Techniques	IGAU, Raipur	13.733900	Work initiated
402.	Geo environmental analysis for sustainable development of soybean growing areas by using ground based Remote sensing and GIS technologies	University of Pune Ganeshkhind	14.116500	MOU awaited
403.	Crop modeling for regional wheat productivity analysis	IIRS, Dehradun	10.418000	Work initiated
404.	Water resources development and utilization for improved and sustained farm production at micro-watershed	IARI, New Delhi	6.608000	Work initiated
405.	Ground water quality appraisal on	College of Agriculture,	7.523900	Work

S. No.	Name of Sub-Project	Location	Allocation (Rs. in lakhs)	Implementation status
	Malaprbha and Ghatprabha command area and its impact on soil helth an crop production	Dharwad		initiated
406.	Assesment of water harvesting and recycling systems for ground water recharge, double cropping and soil water conservation in rainfed cropping system of Chhattisgarh state	IGAU, Raipur	7.029000	Work initiated
407.	Development of water use efficient, sustainable cropping systems	AICRP on Cropping System Research, Akola	7.253900	Work initiated
408.	Havesting of rain and other natural water flows in polyline tanks and its management for diversification of hill agriculture	CSK, HPKV, Palampur	5.649000	Work initiated
409.	Hydrologic and non-point pollution studies for water management and sustainable development of a watershed in semi arid region	Regional Research Laboratory Bhopal	8.009000	MOU awaited
410.	Biotechnological approaches in organic farming	College of Agriculture, Bijapur	5.338000	Work initiated
411.	System research to increase in nitrogen use efficiency through integrated approach for rice based cropping system of Kashmir valley	UAS & T of Kashmir, Shalimar	7.079000	Work initiated
412.	Integrated use of industrial and farm wastes with mineral and bioactivators for sustained rice productivity in rice based eco system of eastern UP	IAS, BHU, Varanasi	7.689000	MOU awaited
413.	Influence of different agroforestry models on soil fertility and resource conservation in rainfed regions of SAT	CRIDA, Hyderabad	5.509000	Work initiated
414.	Quality seedling production for timber and industrial wood species through Clonal forestry approaches	FC&RI, Mettupalayam	5.668000	Work initiated
415.	Productivity potential assessment for rice and mustard in Brahmaputra valley of Assam	AAU, Jorhat	9.039000	Work initiated
416.	Strategies to increase cropping intensity in areas of protective irrigation during Kharif and rainfed during Rabi season in eastern India	AAU, Jorhat	9.234000	Work initiated
417	Dynamics of soil microbial biomass and nutrients availability In Soybean-wheat cropping sequence under conventional and organic farming systems In semi-arid Zone	IISS, Bhopal	6.579000	Work initiated
418	Studies on integrated plant nutrient-water-tillage management systems	IARI, New Delhi	7.452900	Work initiated

S. No.	Title of the Sub-Project	Location	Amount (Rs. in lakhs)	Implementation status
	(IPNWTMS) for sustainable production in rice-wheat and maize-wheat cropping systems			
419	Nutrient budgeting, pest and microbial dynamics As influenced by crop residue management to sustain productivity of wheat based cropping	G.B. Pant Univ. of Agri. Tech. Pantnagar	6.857900	Work initiated
420	Detailed investigation on glauconitic deposits-The untapped lean mineral resource of potash	RRL(CSIR), Bhopal	11.309000	MOU awaited
421	Phytoremediation of heavy metal contaminated soils	IARI, New Delhi	11.919000	Work initiated
422	Nutrient resource management through urban waste recycling	UAS,GKVK, Banglore	9.508000	Work initiated
423	Monitoring of soil organic matter (SOM) dynamics and synchrony of nutrient release in coconut based farming systems	KAU, Padannakkad, Kerala	12.377000	Work initiated
424	Impact of Ravi-Tawi irrigation on soil health of sub tropical zone of Jammu	RARS, SKUAST, RS Pura	9.729000	Work initiated
425	Integrated approach for amelioration of micro nutrient deficiencies in Calcareeous Soils	RAU, Bikaner	6.519000	Work initiated
426	Nutrient use efficiency to sustain productivity and soil fertility under rainfed rice eco-system in southern parts of India	Research Stn. Paramakudi	2.208000	Work initiated
427	Bioconversion of agricultural and urban wastes for sustainable crop production	TNAU, Coimbatore	5.079000	Work initiated
428	Impact of coffee pulp effluent on soil health ground water quality and feasibility of using pulp effulent and husk for crop production in coffee growing areas of Karnataka	UAS, GKVK, Bangalore	8.638000	Work initiated
429	Recycling of agriculture and agro industry wastes and evaluation of their nutrients potential for sustainable agricultural Production	MAU, Parbhani	5.029000	Work initiated
430	Techno-economic analysis of micro-irrigation systems in Kanataka	UAS, Dharwad	2.934000	Work initiated
431	Ameliorative effects of microemulsions on plants in polycyclic aromatic hydrocarbons (PAH)-contaminated soils	CCS, HAU Hissar	9.153000	Work initiated

S. No.	Title of the Sub-Project	Location	Amount (Rs. in lakhs)	Implementation status
432	Development of sustainable farming system models for arid ecosystem	CAZRI, RRS, Bikaner	4.989000	Work initiated
433	Development of microbial consortium for rapid bioconversion of high silica content crop residue	IARI, New Delhi	11.859000	Work initiated
434	Development of a process to manufacture ready to use puree and paste of selected spice vegetables	Punjab Univ., Chandigarh	13.609000	MOU awaited
435	Assessing maize productivity using conventional approach, crop models, remote sensing and GIS	IARI, New Delhi	10.199800	Work initiated

(V) LIST OF SUB-PROJECTS OF TAR/IVLP under NATP

A	**ARID AGRO ECOSYSTEM**			
	Phase-I			
1.	Technology Assesment and Refinement through IVLP Semi Arid Area of Tonk District of Rajasthan	CSWRI Malpura Distt Tonk (Raj)	31.89	In Progress
2.	Technology Assesment and Refinement through IVLP in Jodhpur District of Rajasthan	CAZRI, Jodhpur (Raj)	31.39	In Progress
B	**COASTAL AGRO-ECOSYSTEM**			
	Phase-I			
3.	Technology Assesment and Refinement through IVLP in Krishna-Godavarizone of Andhara Pradesh	CTRI, Rajamundri (AP)	34.21	In Progress
4.	Technology Assesment and Refinement through IVLP in Sundarbans of West Bengal	CSSRI, RRS, Canning Town (WB)	34.49	In Progress
5.	Technology Assesment and Refinement through IVLP in Southern zone of Trivandrum	CTCRI, Trivandrum-(Kerala)	34.24	In Progress
6.	Technology Assesment and Refinement through IVLP in east coast plains zone of Orissa	CIFA, Bhubneshwar (Orissa)	35.08	In Progress
7.	Technology Assesment and Refinement through IVLP in Coastal zone of Kerala	CPCRI, Kasargod (Kerala)	34.25	In Progress
8.	Technology Assesment and Refinement through IVLP in North-eastern zone of TN	Livestock Research TNUVAS, Station of Kattupakkam (TN)	34..64	In Progress
9.	Technology Assesment and Refinement through IVLP in Coastal zone of Kerela	RARS. of KAU, Pattambi (Kerala)	36.74	In Progress
	Phase-II			
10.	Technology Assesment and Refinement through IVLP	CARI, Port Blair (A&N)	28.27	In Progress

S. No.	Title of the Sub-Project	Location	Amount (Rs. in lakhs)	Implementation status
11.	Technology Assesment and Refinement through IVLP	ICAR Res. Complex, Goa (Goa)	28.27	In Progress
12.	Technology Assesment and Refinement through IVLP	NRC, Oil Palm (Eluru) (AP)	28.27	In Progress
13.	Technology Assesment and Refinement through IVLP	WBUA & FSc, Calcutta(WB)	28.27	In Progress
14.	Technology Assesment and Refinement through IVLP	CIBA, Chennai(TN)	28.27	In Progress
15.	Technology Assesment and Refinement through IVLP	CMFRI, Cochin (Kerala)	28.27	In Progress
C	**HILL & MOUNTAIN AGRO-ECOSYSTEM**			
	Phase-I			
16.	Technology Assesment and Refinement through IVLP in Hill Zone of U.P	GBPUAT, Ranichauri (Uttaranchal)	29.09	In Progress
17.	Technology Assesment and Refinement through IVLP in North East Region of Meghalaya	Barapani, ICAR Complex, NEH (Meghalaya)	31.69	In Progress
18.	Technology Assesment and Refinement through IVLP in Agri-horti production system of Shimla Hills of H.P.	Shimla Hills of H.P. CPRI(HP)	28.43	In Progress
19.	Technology Assesment and Refinement through IVLP in Sub-temperate sub-humid mid hills	YSPUHF, Solan at HRS, Kandaghat (HP)	34.06	In Progress
20.	Technology Assesment and Refinement through IVLP in Mid-hill conditions of Himachal Pradesh	Himachal Pradesh, HPKV, Palampur (HP)	34.74	In Progress
21.	Technology Assesment and Refinement *through IVLP in Uttaranchal*	CSWCR&TI, *Dehradun* (Uttaranchal)	34.87	In Progress
22.	Technology Assesment and refinement through IVLP in West Bengal	BCKV, Kalimpong (WB)	38.44	In Progress
23.	Technology Assesment and Refinement through IVLP in IVLP in UP Hills	VPKAS, Almora(UP)	30.14	In Progress
	Phase-II			
24.	Technology Assesment and Refinement through IVLP	SKUA&T, Srinagar (J&K)	28.27	In Progress
25.	Technology Assesment and Refinement through IVLP	HPKVV, Lahaul & Spiti (H.P.)	28.27	In Progress
26.	Technology Assesment and Refinement through IVLP	SKUA&T, Leh (Kargil) (J&K)	28.27	In Progress
27.	Technology Assesment and Refinement through IVLP	YSPUHF, Mashobra(HP)	28.27	In Progress
D	**IRRIGATED AGRO-ECOSYSTEM**			
	Phase-I			
28.	Technology Assesment and Refinement through IVLP in NDRI Karnal, Haryana State	NDRI, Karnal(Hy)	42.54	In Progress

S. No.	Title of the Sub-Project	Location	Amount (Rs. in lakhs)	Implementation status
29.	Technology Assesment and Refinement through IVLP in Plains of Bihar	CPRS, Patna(Bihar)	38.89	In Progress
30.	Technology Assesment and Refinement through IVLP Central plain zone of U.P	CSAUAS&T, Kanpur (UP)	36.45	In Progress
31.	Technology Assesment and Refinement through IVLP in Rice-Wheat Production System in Delhi	IARI, New Delhi	39.06	In Progress
32.	Technology Assesment and Refinement through IVLP in Irrigated Agro-Eco Region of Punjab	PAU, Ludhiana(Pb)	46.34	In Progress
33.	Technology Assesment and Refinement through IVLP in Central MS Plateau Zone	MAU, Parbhani (MS)	37.64	In Progress
34.	Technology Assesment and Refinement through IVLP in New Alluvial Zone, of West Bengal	BCKVV, Nadia(WB)	39.89	In Progress
35.	Technology Assesment and Refinement through IVLP in North eastern Plain Zone of Uttar Pradesh	NDUA&T, Faizabad (UP)	35.14	In Progress
36.	Technology Assesment and Refinement through IVLP in semi arids Uttar Pradesh	PDCSR, Modipuram, Meerut (UP)	35.38	In Progress
37.	Technology Assesment and Refinement through IVLP in Bhabar and Tarai zone of Barelli in Uttar Pradesh	IVRI, Izzatnagar, Bareilly(UP)	39.60	In Progress
38.	Technology Assesment and Refinement through IVLP in Behar plains of Bihar	RAU, Pusa, Samastipur, (Bihar)	40.69	In Progress
39.	Technology Assesment and Refinement through IVLP in Rice Wheat & Cotton based production system In Haryana	CCSHAU, Hissar (Haryana)	45.34	In Progress
40.	Technology Assesment and Refinement through IVLP in Cuddlore	KVK, TNAU, Vridhachalam, (Tamilnadu)	35.14	In Progress
Phase-II				
41.	Technology Assesment and Refinement through IVLP	CCSHAU, Panipat (KVK)	28.27	In Progress
42.	Technology Assesment and Refinement through IVLP	GBPULA&T, Pantnagar	28.27	In Progress
43.	Technology Assesment and Refinement through IVLP	SBI, Coimbatore	28.27	In Progress
44.	Technology Assesment and Refinement through IVLP	DWMR, Patna	28.27	In Progress
45.	Technology Assesment and Refinement through IVLP	CICR, Coimbatore	28.27	In Progress
46.	Technology Assesment and Refinement through IVLP	IISR, Lucknow	28.27	In Progress

S. No.	Title of the Sub-Project	Location	Amount (Rs. in lakhs)	Implementation status
E	**RAINFED AGRO-ECOSYSTEM**			
47.	Technology Assesment and Refinement through IVLP in Ranchi	BAU, Kanke, Ranchi (Jharkhand)	42.37	In Progress
48.	Technology Assesment and Refinement through IVLP in South Telengana region(AP)	CRIDA, Santoshnagar, Hyderabad (AP)	39.75	In Progress
49.	Technology Assesment and Refinement through IVLP in Akola	PDKV, AKOLA(ms)	39.20	In Progress
50.	Technology Assesment and Refinement through IVLP IN Eastern dry zone of Banglore	IIHR, Bangalore, Karnataka	30.71	In Progress
51.	Technology Assesment and Refinement through IVLP in Hassan (Bangalore)	KVK, Kandali, Hassan (Karnataka)	41.95	In Progress
52.	Technology Assesment and Refinement through IVLP in Scarecity zone in ZARS, Solapur	ZARS, Solapur, (MS)	36.02	In Progress
53.	Technology Assesment and Refinement through IVLP in Chhatisgarh	IGAU, Raipur (Chhattisgarh)	42.92	In Progress
54.	Technology Assesment and Refinement through IVLP	CRRI, Cuttack (Orissa)	41.56	In Progress
55.	Technology Assesment and Refinement through IVLP in Koraput in Orissa	KVK,OUAT Semiliguda, Koraput, (Orissa)	55.19	In Progress
56.	Technology Assesment and Refinement through IVLP in Brahamputra valley zone of Asssam	RARS, AAU, Nagaon (Assam)	41.22	In Progress
57.	Technology Assesment and Refinement through IVLP in Junagarh in Gujrat	NRC for G Nut, Junagadhi (Gujarat)	38.63	In Progress
58.	Technology Assesment and Refinement through IVLP in Telangana region of AP	ARS, (ANGRAU), Warangal (AP)	37.50	In Progress
59.	Teehnology Assesment and Refinement through IVLP in Coastal/Ghat zone of MS	KVK, Dapoli (MS)	42.96	In Progress
60.	Technology Assesment and Refinement through IVLP in Ajmer	KVK, Tabiji, Ajmer (Raj)	40.76	In Progress
	Phase-II			
61.	Technology Assesment and Refinement through IVLP	CICR, Nagpur (MP)	28.27	In Progress
62.	Technology Assesment and Refinement through IVLP	CIAE, Bhopal (MP)	28.27	In Progress
63.	Technology Assesment and Refinement through IVLP	NRC (R&M), Bharatpur (Raj)	28.27	In Progress
64.	Technology Assesment and Refinement through IVLP	NRC, Soyabean, Indore(MP)	28.27	In Progress

S. No.	Title of the Sub-Project	Location	Amount (Rs. in lakhs)	Implementation status
65.	Technology Assesment and Refinement through IVLP	JNK VV, Jabalpur (MP)	28.27	In Progress
66.	Technology Assesment and Refinement through IVLP	IIPR, Kanpur(UP)	28.27	In Progress
67.	Technology Assesment and Refinement through IVLP	UAS, Dharwad (Karnataka)	28.27	In Progress
68.	Technology Assesment and Refinement through IVLP	IGFRI, Jhansi (UP)	28.27	In Progress
69.	Technology Assesment and Refinement through IVLP	RAU, Udaipur (Raj)	28.27	In Progress
70.	Technology Assesment and Refinement through IVLP	NBSS & LUP Nagpur (MS)	28.27	In Progress

(vi) CENTRE-WISE ALLOCATION OF FUND TO DIFFERENT STATES UNDER SUB-PROJECT AGRICULTURAL TECHNOLOGY INFORMATION CENTRE (ATIC)

Sl. No.	State	Location	Allocation (Rs. in lakhs)	Implementation Status
1.	**Andhra Pradesh**	NAGAU, Rajendra Nagar, Hyderabad	43.325	In progress
2.	Assam	Assam Agricultural University, Jorhat	43.325	In progress
3.	A & N Islands	Central Agricultural Research Institute, Port Blair	42.575	In progress
4.	Bihar	Rajendra Agricultural University, Samastipur	43.325	In progress
5.	Chhatisgarh	Indira Gandhi Krishi Vishwa Vidyalaya, Raipur	42.525	In progress
6.	Delhi	Indian Agricultural Research Instiute, New Delhi	43.325	In progress
7.	Gujrat	Gujrat Agricultural University, Gujrat	43.325	In progress
8.	Haryana	National Dairy Research Institute, Karnal	43.575	In progress
		Haryana Agricultural University, Hisar	43.325	In progress
9.	Himachal Pradesh	Himachal Pradesh Krishi Vishwa Vidyalaya, Palampur	43.325	In progress
		YS Parmar University of Horticulure & Forestry, Solan	43.325	In progress
		Central Potato Research Institute, Shimla	42.575	In progress
10.	Jammu and Kashmir	Shere-Kashmir University of Agricultural Sciences and Technology, Srinagar	42.575	In progress
11.	Jharkhand	Birsa Agricultural University, Ranchi	40.025	In progress
12.	Kerala	Kerala Agricultural Unviersity, Thrissur	43.575	In progress
		Indian Institute of Spice Research, Calicut	43.325	In progress
		Central Marine Fishries Research Institute, Emakulam	42.575	In progress
		Central Plantation Crop Research Institute, Kasargod	42.575	In progress
		Central Institute of Fisheries Technology, Cochin	42.575	In progress

Sl. No.	State	Location	Allocation (Rs. in lakhs)	Implementation Status
13.	Karnataka	University of Agricultural sciences, Bangalore	42.575	In progress
		University of Agricultural sciences, Dharwad	43.325	In progress
		Indian Institute of Horticultural research, Bangalore	43.325	In progress
14.	Madhya Pradesh	Jawahar lal Negru Krishi Vishwa Vidyalaya, Jabalpur	42.575	In progress
		Central Institute of Agricultural Engineering, Bhopal	42.575	In progress
15.	Maharashtra	Marathwara Agricultural University, Parbhani	42.575	In progress
		Mahatma Phule Krishi Vishwa Vidyalaya, Ahmednagar	42.575	In progress
		Panjabrao Deshmukh Krishi Vishwa Vidyalaya, Akola	42.575	In progress
		Central Institute of Cotton Research, Nagpur	42.575	In progress
		Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Ratnagiri	43.575	In progress
16.	Meghalaya	ICAR Research Complex for NEH Region, Barapani, Shillong	42.575	In progress
17.	Orissa	Centtral Institute of Freshwater Aquaculture, Bhubaneshwar	42.575	In progress
		Orissa University of Agriculture & Technology, Bhubaneshwar	42.575	In progress
18.	Punjab	Punjab Agricultural University, Ludhiana	43.325	In progress
19.	Rajasthan	Central Arid Zone Research Institute, Jodhpur	42.575	In progress
		Maharana Pratap Agricultural University, Udaipur	40.025	In progress
		Rajasthan Agricultural University, Bikaner	43.325	In progress
20.	Tamil Nadu	Tamil Nadu Veterinary & Animal Sciences University, Chennai	42.575	In progress
		Tamil Nadu Agricultural University, Coimbatore	43.325	In progress
21.	Uttar Pradesh	Chandra Shekhar Azad University of Agriculture & Technology Kanpur	42.575	In progress
		Narendra Dev University of Agriculture & Technology Faizabad	43.575	In progress
		Indian Veterinary Research Institute, Izatnagar		
		Indian Institute of Vegetable Research, Varanasi	38.75	In progress
22.	Uttraranchal	Govind Ballabh Pant University of Agriculture & Technology, Pantnagar	43.575	In progress
23.	West Bengal	Bidhan Chand Krishi Vishwa Vidyalaya, Nadia	42.575	In progress
		TOTAL	1878.325	

CENTRE-WISE ALLOCATION OF FUND TO DIFFERENT STATES UNDER STRENGTHENING OF DIRECTORATE OF EXTENSION EDUCATION (DEE)

Sl. No.	State	Location	Allocation (Rs. in lakhs)	Implementation Status
1.	Andhra Pradesh	ANGAU, Rajendra Nagar, Hyderabad	11.494	In progress
2.	Assam	Assam Agricultural University, Jorhat	12.494	In progress
3.	Bihar	Rajendra Agricultural University, Samastipur	11.494	In progress
4.	Chhattisgarh	Indira Gandhi Krishi Vishwa Vidyalaya, Raipur	9.914	In progress
5.	Gujarat	Gujarat Agricultural University, Gujarat	11.494	In progress
6.	Haryana	Haryana Agricultural University, Hissar	11.494	In progress
7.	Himachal Pradesh	Himachal Pradesh Krishi Vishwa Vidyalaya, Palampur	11.494	In progress
		YS Parmar University of Horticulure & Forestry, Solan	9.994	In progress
8.	Jammu and Kashmir	Shere-Kashmir University of Agricultural Sciences and Technology, Srinagar	11.814	In progress
9.	Jharkhand	Birsa Agricultural University, Ranchi	11.494	In progress
10.	Kerala	Kerala Agricultural University, Thrissur	9.994	In progress
11.	Karnataka	University of Agricultural sciences, Bangalore	11.814	In progress
		University of Agricultural sciences, Dharwad	9.994	In progress
12.	Madhya Pradesh	Jawahar Lal Nehru Krishi Vishwa Vidyalaya, Jabalpur	9.994	In progress
13.	Maharashtra	Marathwara Agricultural University, Parbhani	9.994	In progress
		Mahatma Phule Krishi Vishwa Vidyalaya, Ahmednagar	9.994	In progress
		Panjabrao Deshmukh Krishi Vishwa Vidyalaya, Akola	9.914	In progress
		Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Ratnagiri	9.994	In progress
14.	Manipur	Central Agricultural University, Imphal	9.994	In progress
15.	Orissa	Orissa University of Agriculture & Technology, Bhubaneshwar	9.914	In progress
16.	Punjab	Punjab Agricultural University, Ludhiana	9.994	In progress
17.	Rajasthan	Rajasthan Agricultural University, Bikaner	9.994	In progress
18.	Tamil Nadu	Tamil Nadu Veterinary & Animal Sciences University, Chennai	9.994	In progress
		Tamil Nadu Agricultural University, Coimbatore	9.994	In progress
19.	Uttar Pradesh	Chandra Shekhar Azad University of Agriculture & Technolgoy.	9.914	In progress
		Narendra Dev University of Agriculture & Technology Faizabad	9.914	In progress
20.	Uttaranchal	Govind Ballabh Pant University of Agriculture &Technology, Pantnagar	9.994	In progress
21.	West Bengal	Bidhan Chand Krishi Vishwa Vidyalaya, Nadia	11.494	In progress
		WB University of Agriculture & Veterinary Sciences, Calcutta	9.914	In progress
		TOTAL	**319.908**	

CENTRE-WISE ALLOCATION OF FUND TO DIFFERENT STATES UNDER SUB-PROJECT REMANDATING OF ZONAL RESEARCH STATION

Sl. No.	STATE	University/ Institute	Location	Allocation (Rs. in lakhs)	Implementation Status
1.	Andhra Pradesh	ANG Ranga Agricultural University, Hyderabad	Nellore	79.531	In progress
			Prakasam	74.71	In progress
			Adilabad	74.71	In progress
2.	Assam	Assam Agricultural University, Jorhat	Shilongani	49.531	In progress
			Karbi Anglong (Diphu)	49.531	In progress
			Karimganj	74.71	In progress
			Lakhimpur	44.71	In progress
			Kamrup	44.71	In progress
			Tinsukia	44.71	In progress
3.	Bihar	Rajendra Agricultural University, Pusa, Samastipur	Bikramganj (Rohtas)	79.531	In progress
			Bhagalpur (Sabour)	74.71	In progress
4.	Gujarat	Gujarat Agricultrual University, Banaskantha	Surat (Vyara)	44.71	In progress
			Rajkot (Targhadia)	44.71	In progress
			Jamnagar	44.71	In progress
5.	Himachal Pradesh	Himachal Pradesh Krishi Vishwa Vidyalaya, Palampur	Lahaul & Spiti	79.531	In progress
			Bilaspur	44.71	In progress
		Dr. YS Parmar University of Horticulture & Forestry, Solan	Kundaghat (Solan)	74.71	In progress
6.	Jammu and Kashmir	Shere Kashmir University of Agril. & Tech.	Shrinagar/ Kargil	74.71	In progress
7.	Jharkhand	Birsa Agricultural University, Ranchi	Santhal Parganas	49.531	In progress
8.	Kerala	Kerala Agricultural University, Thrissur	Kottayam	49.531	In progress
		CPCRI, Kasargad (Kerala)	Alleppy	44.71	In progress
9.	Karnataka	University of Agricultural sciences, Dharwad	Gulbarga	79.531	In progress
			Uttar Kanada (Sirsi)	74.71	In progress
			Bijapur	44.71	In progress
		University of Agricultural sciences, Bangalore	Shimoga	49.531	In progress
			Mandya	49.531	In progress
			Tumkur	49.531	In progress
			Brahmavar	74.71	In progress
			Chitradurga	74.71	In progress
10.	Madhya Pradesh	Jawahar Lal Nehru Krishi Vishwa Vidyalaya, Jabalpur	Morena	79.531	In progress
			Hoshangabad West Nimar (Khargone)	49.531	In progress
			Sagar	44.71	In progress
11.	Maharashtra	Punjabrao D. Krishi Vishwa Vidyalaya, Akola	Yavatmal	79.531	In progress
			Chandrapur	49.531	In progress
		MAU, Prabhani	Osmanabad	74.71	In progress
		Konkan Krishi Vidyapeeth, Dapoli, Ratnagiri	Karjat, Raigargh	49.531	In progress

Sl. No.	STATE	University/ Institute	Location	Allocation (Rs. in lakhs)	Implementation Status
12.	Orissa	O.U.A.T., Bhubaneshwar (Orissa)	Bhadrak	79.531	In progress
			Navrangpur	44.71	In progress
13.	Punjab	PAU, Ludhiana (Punjab)	Ropar	74.71	In progress
14.	Rajasthan	Rajasthan Agricultural University, Bikaner	Sriganganagar	74.71	In progress
15.	Tamil Nadu	Tamil Nadu Agriculture University, Coimbatore	Kanyakumari	49.531	In progress
			Puddukotai	74.71	In progress
			Ramanand	74.71	In progress
16.	Uttar Pradesh	Chandra Shekhar Azad University of Agriculture & Technolgoy, Kanpur	Mainpuri	74.71	In progress
			Mahoba	74.71	In progress
			Kanpur-Dehat	74.71	In progress
		Narendra Dev University of Agriculture & Technology, Faizabad	Gorakhpur	74.71	In progress
			Faizabad	74.71	In progress
			Sonabhdra	74.71	In progress
			Maharajganj	44.71	In progress
17.	Uttaranchal	GB Pant University of Agril. & Tech. Pantnagar	Nainital	49.531	In progress
18.	West Bengal	Uttar Banga Krishi Vishwa Vidyalaya	Coochbehar	49.531	In progress
		TOTAL		3276.05	

ZONE-WISE ALLOCATION OF FUNDS FOR STRENGTHENING OF ZONAL COORDINATING UNITS (ZCU) UNDER NATP

Sl. No.	Zones	States Covered	Locations	Allocation (Rs. in lakhs)	Implementation Status
1.	Zone I	Jammu & Kashmir, Haryana, Himachal Pradesh, Delhi	Zonal Coordination Unit I P.A.U. Ludhiana (Panjab)	16.419	In progress
2.	Zone II	West Bengal, Bihar, Andman & Nicobar Islands	NBSS&LUP, Bidhan Nagar, Salt Lake, Calcutta (WB)	16.419	In progress
3.	Zone III	Assam, North-Eastern Hills States	ICAR Research Complex for Neh Region. Barapani, Umroi Road, Shillong (Meghalaya)	16.419	In progress
4.	Zone IV	Uttar Pradesh	Directorate of Extension, CS Azad Univ. of Agril. & Technology, Kanpur (UP)	16.419	In progress
5.	Zone V	Maharashtra, Andhra Pradesh	CRIDA Complex, Santoshnagar, Hyderabad (AP)	16.419	In progress
6.	Zone VI	Gujarat, Rajasthan	CAZRI, Jodhpur (Gujarat)	16.419	In progress
7.	Zone VII	Madhya Pradesh, Orissa	JNKVV, Jabalpur (MP)	16.419	In progress
8.	Zone VIII	Kerala, Karnataka, Tamil Nadu, Goa & Lakshdweep, Pondicherry	NDRI Southern Regional Station, Adugodi, Banglore (Karnataka)	16.419	In progress
			TOTAL	131.352	